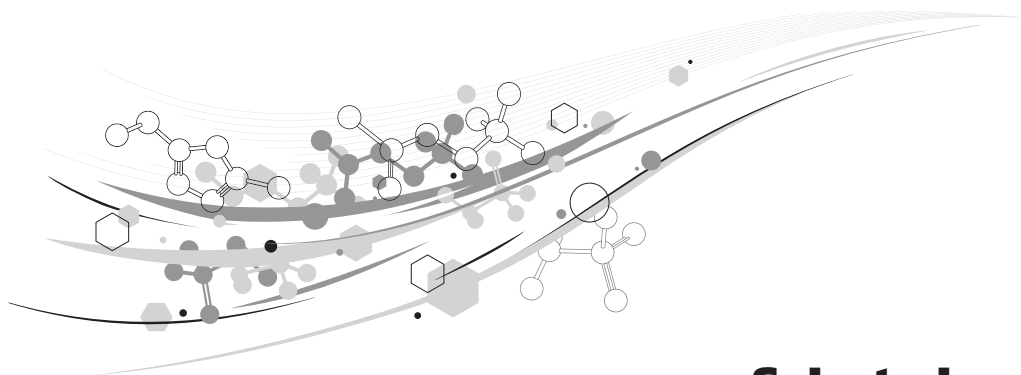




BICYCLIC ALIPHATIC AMINES





Selected Building Block Series

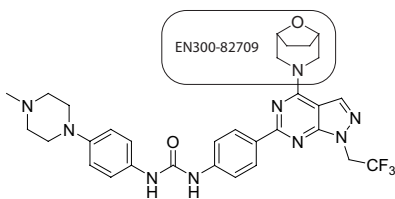
With development of on-line chemical directories acquiring necessary reagents and building blocks for day-to-day research activity has become a technical routine. Many thousands of building blocks are now available in the market and sub-structure search can efficiently provide a selection of reagents to buy. However, this approach might be limited.

With over 100,000 building blocks synthesized and now available from our stock we are a recognized leader in the market. Our catalogue features versatile building block classes and adds 1,000 products each month. Although they all are available for purchase through www.enaminestore.com and many public or corporate chemical databases we wanted to gather together the most interesting and recently prepared building blocks to provide a series of useful guides to a novel and innovative chemistry.

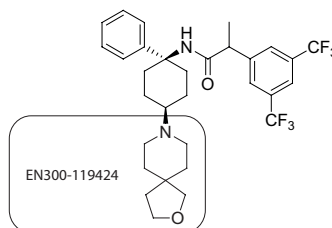
Bicyclic aliphatic amines

Alicyclic amines whose conformations are restricted by bridges or spiro atoms have become very popular in contemporary drug design. Isolation of certain molecular shapes and pharmacophores in rigid 3D frameworks helps to improve both pharmacodynamic and pharmacokinetic properties of the lead molecules.

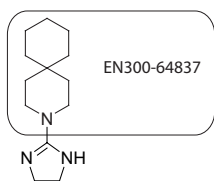
Over 1,000 bicyclic aliphatic amines are available from Enamine. They include building blocks whose value has been already proved by synthesis of biologically active molecules, and their recently synthesized analogues potential of which is yet to be explored.



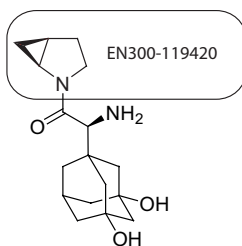
Inhibitor of mTOR



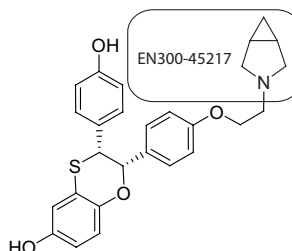
Antagonist of NK₁



Inhibitor of influenza A virus
(BL-1743)







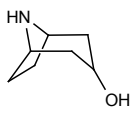
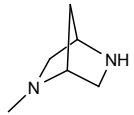
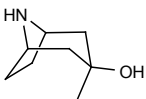
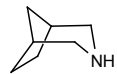
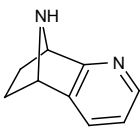
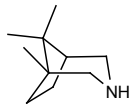

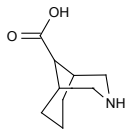

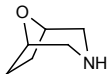

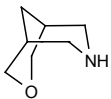
DPP-IV inhibitor



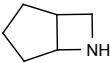
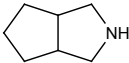
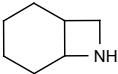
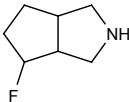
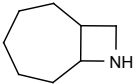
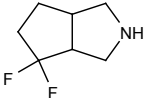

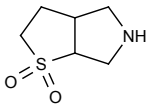
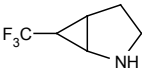
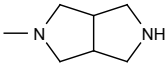
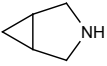
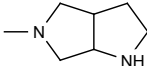
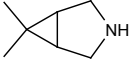
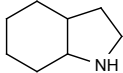
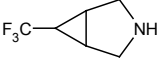
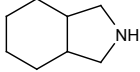
Estrogen receptor modulator

1. D. J. Richard et al. *Bioorg. Med. Chem. Lett.* **2009**, *19*, 6830.
2. R. R. Dandu et al. *Bioorg. Med. Chem. Lett.* **2012**, *22*, 2151.
3. W. F. Degrado et al. *WO2010033339*, **2010**.
4. L. M. Simpkins et al. *Bioorg. Med. Chem. Lett.* **2007**, *17*, 6476.
5. T. Blizzard et al. *Bioorg. Med. Chem. Lett.* **2004**, *14*, 3861.

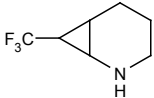
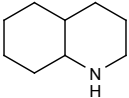
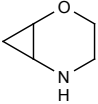
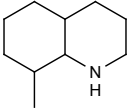
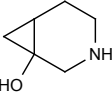
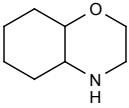
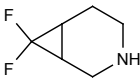
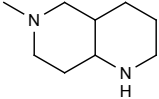
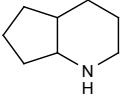
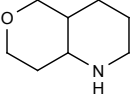
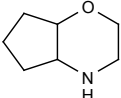
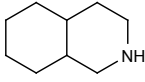
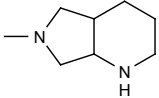
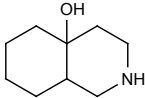
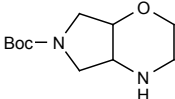
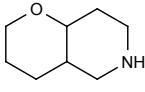
Bridged bicyclic amines

EN300-83902 HCl		EN300-27295 HCl	
EN300-116451 HCl		EN300-51851 HCl	
EN300-51588		EN300-70353 2HBr	
EN300-99319 HCl		EN300-102621 HCl	
EN300-114942 2HCl		EN300-55186 HCl	
EN300-91432 HCl		EN300-79405 HCl	
EN300-119630		EN300-82709	
EN300-118369		EN300-95115 AcOH	



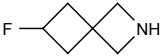













Fused azetidines and pyrrolidines

EN300-82021		EN300-105766	
		HCl	
EN300-89905		EN300-113369	
		HCl	
EN300-89907		EN300-109987	
		HCl	
EN300-119420		EN300-29772	
HCl			
EN300-97937		EN300-50806	
HCl			
EN300-45217		EN300-39803	
HCl			
EN300-86565		EN300-60535	
HCl			
EN300-73968		EN300-101292	
HCl			

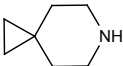
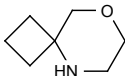

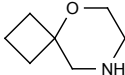

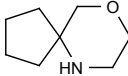

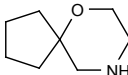

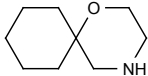

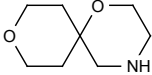
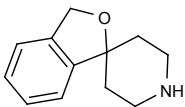
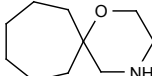
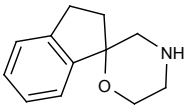
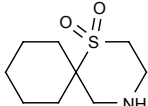
Fused piperidines and morpholines

<p>EN300-79100</p> <p>HCl</p>		<p>EN300-21215</p>	
<p>EN300-91609</p> <p>HCl</p>		<p>EN300-54599</p>	
<p>EN300-110131</p> <p>HCl</p>		<p>EN300-43458</p>	
<p>EN300-100245</p> <p>HCl</p>		<p>EN300-108318</p>	
<p>EN300-58793</p>		<p>EN300-102280</p> <p>HCl</p>	
<p>EN300-55844</p>		<p>EN300-21116</p>	
<p>EN300-53445</p>		<p>EN300-110242</p> <p>HCl</p>	
<p>EN300-108154</p>		<p>EN300-110343</p>	

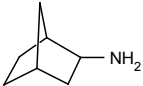
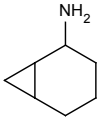
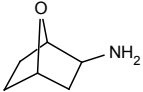
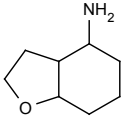
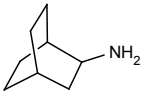

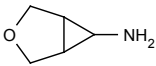
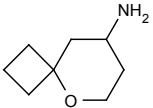
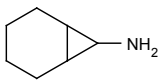
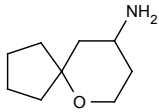
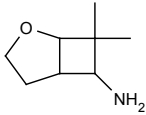
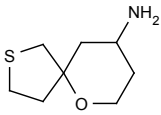
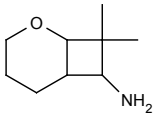
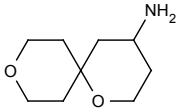
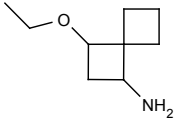
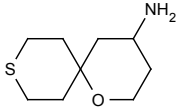
Spiro amines with azetidine and pyrrolidine rings

<p>EN300-112459</p> <p>HCl</p>		<p>EN300-75631</p>	
<p>EN300-116702</p> <p>HCl</p>		<p>EN300-98631</p>	
<p>EN300-114809</p> <p>HCl</p>		<p>EN300-94415</p>	
<p>EN300-81038</p> <p>H₂C₂O₄</p>		<p>EN300-105822</p>	
<p>EN300-113203</p> <p>HCl</p>		<p>EN300-96084</p>	
<p>EN300-93940</p>		<p>EN300-119942</p> <p>HCl</p>	
<p>EN300-91541</p> <p>HCl</p>		<p>EN300-123162</p> <p>HCl</p>	
<p>EN300-99316</p>		<p>EN300-102855</p>	

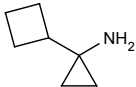
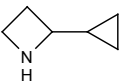
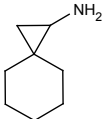
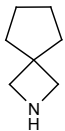
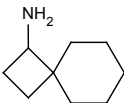
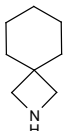
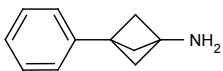
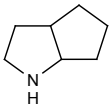
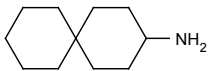

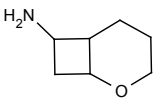
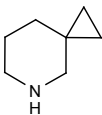
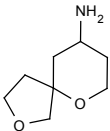
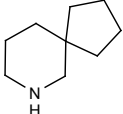
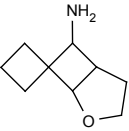
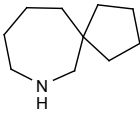
Spiro amines with piperidine and morpholine rings

<p>EN300-76705</p> <p>HCl</p>		<p>EN300-114690</p>	
<p>EN300-68693</p>		<p>EN300-122734</p>	
<p>EN300-119424</p> <p>HCl</p>		<p>EN300-121878</p>	
<p>EN300-64837</p>		<p>EN300-110174</p>	
<p>EN300-97807</p>		<p>EN300-90263</p> <p>HCl</p>	
<p>EN300-86476</p>		<p>EN300-111595</p>	
<p>EN300-105669</p> <p>HCl</p>		<p>EN300-109448</p>	
<p>EN300-116971</p>		<p>EN300-103738</p>	

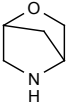
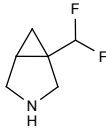
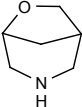
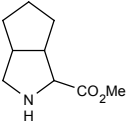
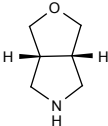

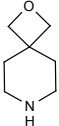
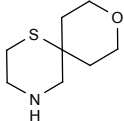
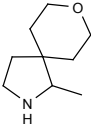
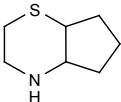
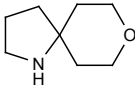
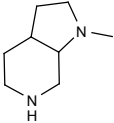
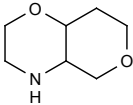
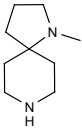
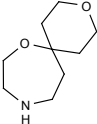
Exocyclic amines

<p>EN300-82009</p> <p>HCl</p>		<p>EN300-117141</p> <p>HCl</p>	
<p>EN300-106887</p>		<p>EN300-107487</p>	
<p>EN300-111973</p>		<p>EN300-102455</p> <p>HCl</p>	
<p>EN300-119157</p>		<p>EN300-112184</p>	
<p>EN300-99289</p> <p>HCl</p>		<p>EN300-102874</p>	
<p>EN300-84307</p>		<p>EN300-112508</p>	
<p>EN300-85709</p>		<p>EN300-102783</p>	
<p>EN300-85567</p>		<p>EN300-113088</p>	

New Arrivals

<p>EN300-124205</p> <p>HCl</p>		<p>EN300-124050</p>	
<p>EN300-124870</p> <p>HCl</p>		<p>EN300-155135</p> <p>HCl</p>	
<p>EN300-172123</p>		<p>EN300-129087</p>	
<p>EN300-171116</p>		<p>EN300-156000</p>	
<p>EN300-171529</p>		<p>EN300-123381</p> <p>HCl</p>	
<p>EN300-160175</p> <p>HCl</p>		<p>EN300-141475</p> <p>HCl</p>	
<p>EN300-124959</p>		<p>EN300-159880</p>	
<p>EN300-117291</p>		<p>EN300-141753</p>	

New Arrivals

<p>EN300-134384</p> <p>HCl</p>		<p>EN300-160286</p> <p>HCl</p>	
<p>EN300-133936</p> <p>HCl</p>		<p>EN300-171025</p> <p>HCl</p>	
<p>EN300-132111</p> <p>HCl</p>		<p>EN300-134521</p>	
<p>EN300-134826</p> <p>H₂C₂O₄</p>		<p>EN300-140203</p>	
<p>EN300-135127</p>		<p>EN300-170904</p>	
<p>EN300-123162</p> <p>HCl</p>		<p>EN300-126700</p>	
<p>EN300-124908</p> <p>HCl</p>		<p>EN300-124980</p>	
<p>EN300-140486</p>		<p>EN300-124135</p>	