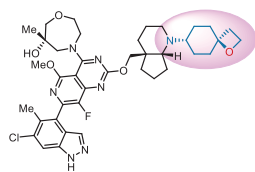


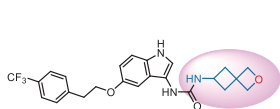
Spirocycles for Improved Solubility

Introduction

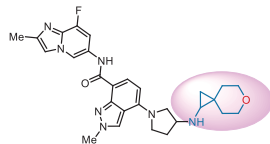
Over the past two decades, spirocyclic moieties have found increasing application following the introduction of the "escape from flatland" strategy.¹ These moieties enhance a substance's metabolic stability and permeability.^{2,3} Incorporating an oxygen atom into the spirocyclic core produces structures with significantly lower lipophilicity and improved solubility, resulting in more favorable pharmaceutical properties.⁴ Explore Enamine's collection of oxa-spirocycles, exemplified here by spirocyclic amines.



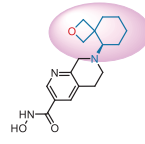
inhibitor of KRAS oncogenic GTPase
WO 2025/006962
Bristol-Myers Squibb



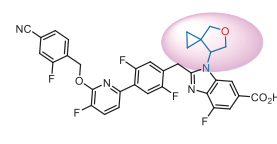
inhibitor of stimulator of Interferon genes
WO 2025/079045
Novartis



modulator of nucleic acid splicing
WO 2023/034812
Remix Therapeutics

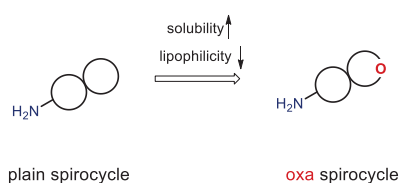


inhibitor of histone deacetylases 6
WO 2023/150203
Eikonizo Therapeutics

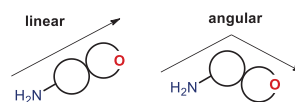
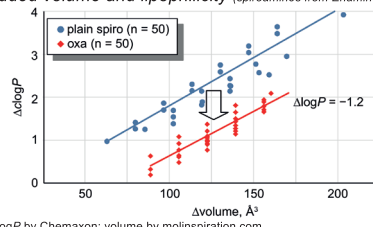


agonist of glucagon-like peptide-1 receptor
WO 2022/225941
Gilead

Concept



added volume and lipophilicity (spiroamines from Enamine's stock)

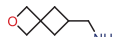


We offer: over 100 oxa-spiroalkyl amines from stock on 5-10 gram scale.

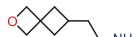
linear



EN300-1223277



EN300-114772



EN300-7114933



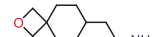
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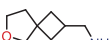
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EN300-1223412



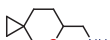
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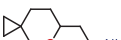
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angular



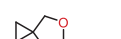
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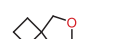
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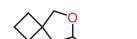
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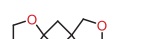
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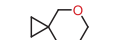
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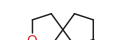
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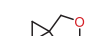
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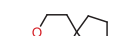
EN300-51851629



EN300-28234541



EN300-19203982



EN300-201238



EN300-27113625



EN300-52102807

References

1. F. Lovering et al. *J. Med. Chem.* **2009**, 52, 6752.
2. K. Hiesinger et al. *J. Med. Chem.* **2021**, 64, 150.

3. V. Batista et al. *Expert Opin. Drug Discov.* **2022**, 17, 603.
3. K. Fominova et al. *Chem. Sci.* **2021**, 12, 11294.



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