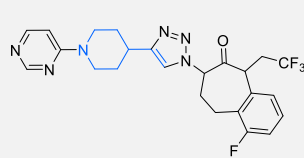


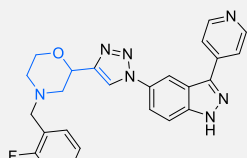
# Alkyne-containing Linkers

## Introduction

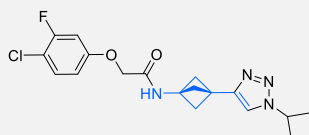
Acetylenes are used in the Huisgen azide-alkyne 1,3-dipolar cycloaddition reaction – “click chemistry”. 1,2,3-Triazole function formed by click reaction between an azide and alkyne bears a physicochemical resemblance to the amide bond. Using “click chemistry” one can efficiently connect complex molecules such as ligands and tool compounds.<sup>1-6</sup>



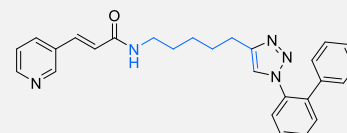
Treatment of Alzheimer's disease  
WO2010/71741, A1  
Merck & Co.



ERK-inhibitor  
WO2012/58127, A2  
Schering Corporation

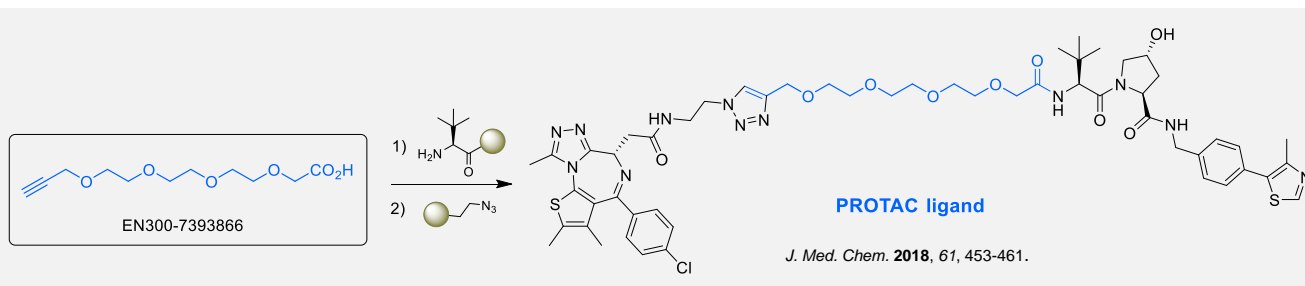


Treatment of neurodegenerative diseases  
WO2019/32743, A1  
Denali Therapeutics



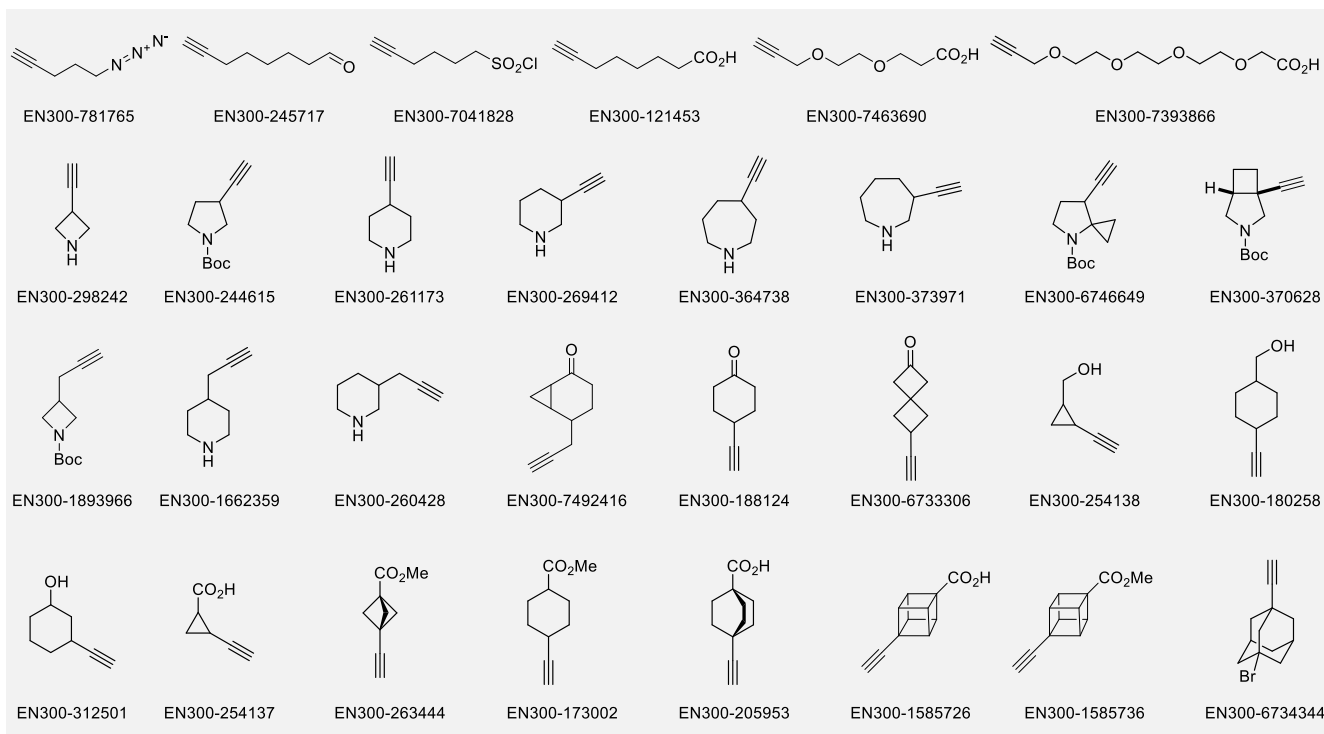
NAMPT inhibitor  
MedChem 2015, 6, 1891.

In this context, Enamine offers a library of unique functionalized alkynes that can be used as linker compounds, for example, in synthesis of PROTACs.



PROTAC ligand  
J. Med. Chem. 2018, 61, 453-461.

We offer: >100 unique acetylenes on a 5-50 g scale from stock.



## References

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6. E. Kim et al. *Chem. Sci.* **2019**, 10, 7835.



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