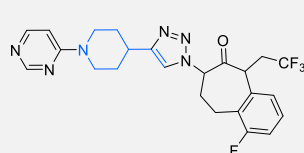


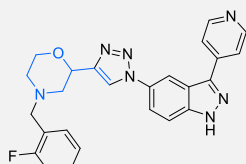
Alkyne-containing Linkers

Introduction

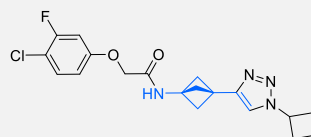
Acetylenes are used in the Huisgen azide-alkyne 1,3-dipolar cycloaddition reaction – “click chemistry”. 1,2,3-Triazole function formed by click reaction between an azide and alkyne bears a physicochemical resemblance to the amide bond. Using “click chemistry” one can efficiently connect complex molecules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



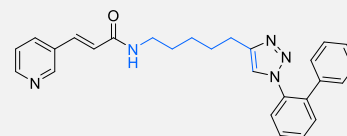
Treatment of Alzheimer's disease
WO2010/71741, A1
Merck & Co.



ERK-inhibitor
WO2012/58127, A2
Schering Corporation

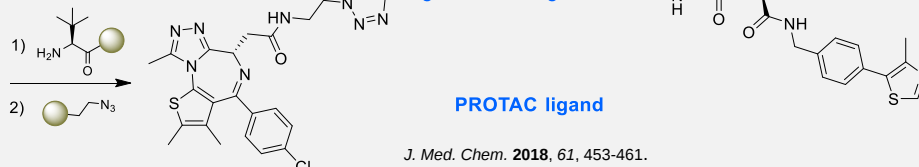
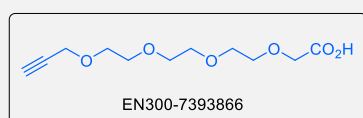


Treatment of neurodegenerative diseases
WO2019/32743, A1
Denali Therapeutics



NAMPT inhibitor
MedChem **2015**, 6, 1891.

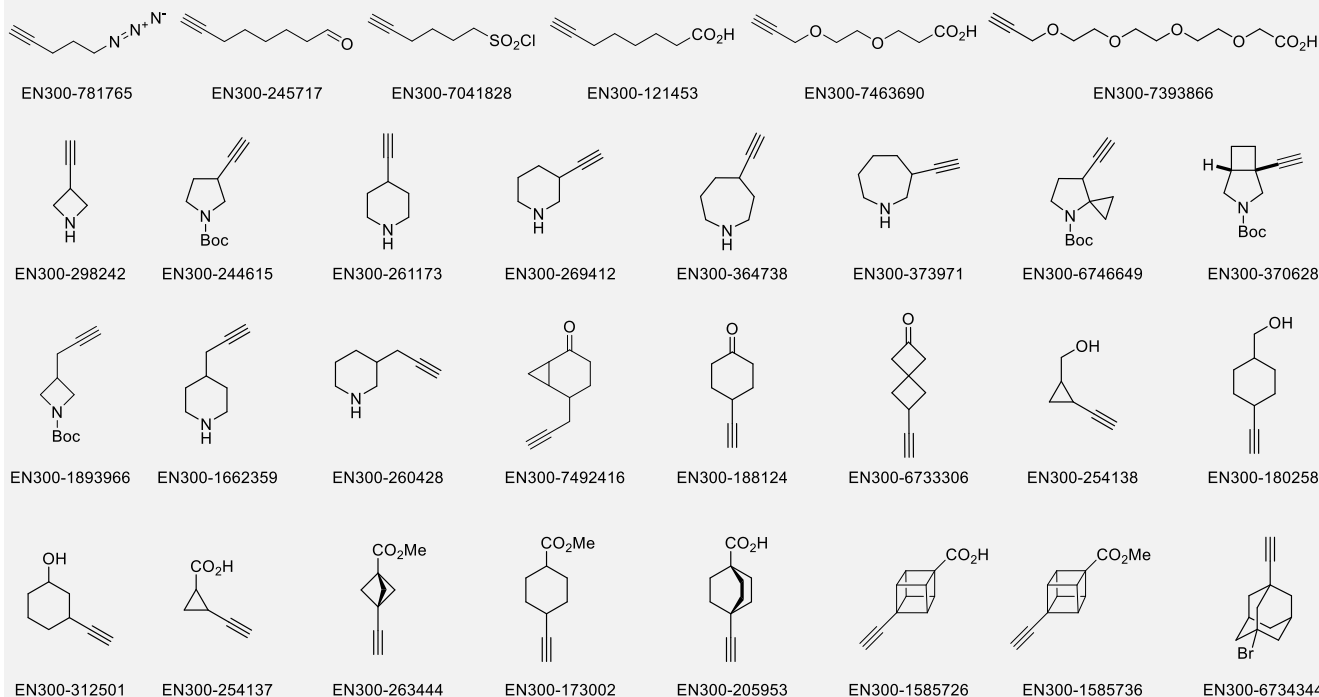
In this context, Enamine offers a library of unique functionalized alkynes that can be used as linker compounds, for example, in synthesis of PROTACs.



PROTAC ligand

J. Med. Chem. **2018**, 61, 453-461.

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



References ※掲載構造は一部抜粋となります。全データをご希望の場合はSD Fileにてご提供致しますのでお気軽にご連絡ください。

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