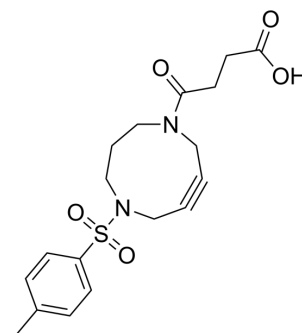


## DACN(Tos,Suc-OH)

Cat. No.:	HY-151766
CAS No.:	2109751-68-8
Molecular Formula:	C <sub>18</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub> S
Molecular Weight:	378.44
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DACN(Tos,Suc-OH) is a click chemistry reagent containing a cycloalkyne group. The alkyne moiety within the ring has a unique bent structure and high reactivity toward cycloaddition reactions. Such strain-promoted azide-alkyne cycloadditions (SPAAC) using cycloalkynes have served for reliable molecular conjugation in a broad range of fields. The nitrogens are used as connection points for a variety of functional units. DACNs possess high thermal and chemical stability along with comparable click reactivity<sup>[1]</sup>.

### REFERENCES

[1]. Igawa, Kazunobu, et al. Thieme Chemistry Journals Awardees: Where Are They Now? One-Pot Synthesis of Versatile Buckle Units for Click Chemistry: 4,8-Diazacyclononynes (DACNs). *Synlett*. Volume: 28. Issue: 16. Pages: 2110-2114. Journal.2017.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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