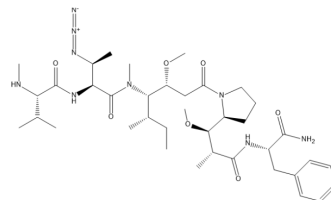


## AGD-0182

Cat. No.:	HY-144585
CAS No.:	1835700-14-5
Molecular Formula:	C <sub>38</sub> H <sub>63</sub> N <sub>9</sub> O <sub>7</sub>
Molecular Weight:	757.96
Target:	Microtubule/Tubulin; ADC Cytotoxin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

AGD-0182 is a microtubule disrupting agent. AGD-0182 is a synthetic analogue of the naturally occurring tubulin-binding molecule Dolastatin 10<sup>[1]</sup>. AGD-0182 is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

### REFERENCES

[1]. Snyder JT, et al. Metabolism of an Oxime-Linked Antibody Drug Conjugate, AGS62P1, and Characterization of Its Identified Metabolite. Mol Pharm. 2018;15(6):2384-2390.

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

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