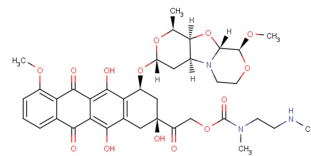


DMEA-PNU-159682

Chemical Properties

CAS No.: 1799421-48-9
Formula: C₃₇H₄₅N₃O₁₄
Molecular Weight: 755.76
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DMEA-PNU-159682 (molecule D12) is an ADC cytotoxin molecule, including neomycin (MMDX) metabolites from liver microsomes and effective ADC cytotoxin PNU-159682.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.323 mL	6.616 mL	13.232 mL
5 mM	0.265 mL	1.323 mL	2.646 mL
10 mM	0.132 mL	0.662 mL	1.323 mL
50 mM	0.026 mL	0.132 mL	0.265 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Chen Jingkang, et al. Disubstituted maleic amide class connexon for antibody-drug conjugate and its preparation method and application. CN108101825A.
- John Flygare, et al. Anthracycline disulfide intermediates, antibody-drug conjugates and methods. WO2016040825A1

Inhibitors · Natural Compounds · Compound Libraries

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