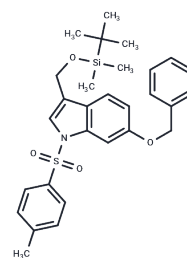


## Duocarmycin SA intermediate-2

### Chemical Properties

CAS No. : 2209030-98-6  
 Formula: C<sub>29</sub>H<sub>35</sub>NO<sub>4</sub>Si  
 Molecular Weight: 521.74  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Duocarmycin SA intermediate-2 is an intermediary compound in the synthesis of the antibiotic Duocarmycin SA. It can induce sequence-selective alkylation of double-stranded DNA (alkylation) and exhibits synergistic anticancer cytotoxicity when combined with proton radiation.
Targets(IC50)	Antibiotic

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9167 mL	9.5833 mL	19.1666 mL
5 mM	0.3833 mL	1.9167 mL	3.8333 mL
10 mM	0.1917 mL	0.9583 mL	1.9167 mL
50 mM	0.0383 mL	0.1917 mL	0.3833 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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