

## Cisplatin/Dasatinib prodrug-1

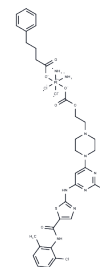
## Chemical Properties

CAS No. : 3049801-09-1

Formula: C<sub>33</sub>H<sub>42</sub>Cl<sub>3</sub>N<sub>9</sub>O<sub>6</sub>PtS

Molecular Weight: 994.25

Storage: Keep away from direct sunlight, The compound is unstable in solution. Please use soon  
 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	Cisplatin/Dasatinib prodrug-1 (Compound 3) is a precursor drug for Cisplatin and Dasatinib. It exhibits antiproliferative activity against tumor cell lines A2780, MDA-MB-231, MCF7, HCT116, RD, Thp1, and HL60, with IC <sub>50</sub> values of 0.1, 0.1, 0.36, 2.0, 0.4, 0.3, and 0.25 μM, respectively.
Targets(IC <sub>50</sub> )	Src

## Solubility Information

Solubility	DMSO: Slightly soluble, DMSO inactivates the activity of Cisplatin/Dasatinib prodrug-1. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0058 mL	5.0289 mL	10.0578 mL
5 mM	0.2012 mL	1.0058 mL	2.0116 mL
10 mM	0.1006 mL	0.5029 mL	1.0058 mL
50 mM	0.0201 mL	0.1006 mL	0.2012 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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