

SDX-7539

Chemical Properties

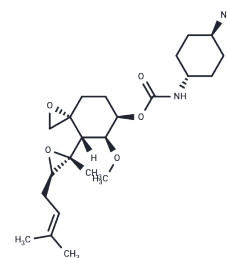
CAS No. : 1631953-52-0

Formula: C₂₃H₃₈N₂O₅

Molecular Weight: 422.56

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	SDX-7539 is a selective MetAP2 inhibitor that inhibits the proliferation of HUVEC, with an IC ₅₀ of 120 μM. It has demonstrated antitumor activity in xenografted NSCLC in athymic nude mice.
Targets(IC ₅₀)	Aminopeptidase
In vivo	Administered at a dose of 37 mg/kg via intravenous injection every other day for a total of 20 days, SDX-7539 demonstrated tumor-inhibiting activity in athymic nude mice with A549 xenografts.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3665 mL	11.8326 mL	23.6653 mL
5 mM	0.4733 mL	2.3665 mL	4.7331 mL
10 mM	0.2367 mL	1.1833 mL	2.3665 mL
50 mM	0.0473 mL	0.2367 mL	0.4733 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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