

Faridoxorubicin

Chemical Properties

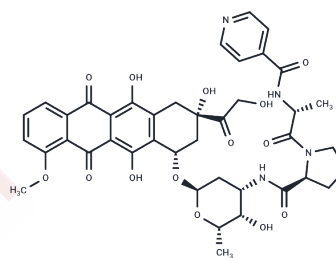
CAS No. : 1841402-73-0

Formula: C41H44N4O14

Molecular Weight: 816.81

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	Faridoxorubicin (AVA-6000) is a prodrug that targets fibroblast activation protein alpha (FAP α). It releases active doxorubicin through FAP α -mediated cleavage, enhancing drug exposure within tumors while reducing cardiac toxicity. Faridoxorubicin holds potential for research in solid tumors, such as liver metastases from colorectal cancer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2243 mL	6.1214 mL	12.2427 mL
5 mM	0.2449 mL	1.2243 mL	2.4485 mL
10 mM	0.1224 mL	0.6121 mL	1.2243 mL
50 mM	0.0245 mL	0.1224 mL	0.2449 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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