

A-800141

Chemical Properties

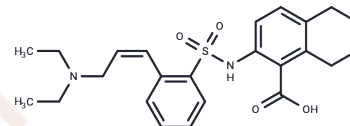
CAS No. : 681245-85-2

Formula: C₂₄H₃₀N₂O₄S

Molecular Weight: 442.571

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	A-800141 is an orally active and selective MetAP2 inhibitor with an IC ₅₀ of 12 nM, while showing weaker inhibitory activity against MetAP1 (IC ₅₀ : 36 μM). GAPDH can serve as a biomarker for monitoring the inhibition of MetAP2 by A-800141. This compound exhibits anti-angiogenic and anticancer properties in various xenograft tumor models.
Targets(IC ₅₀)	Aminopeptidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2595 mL	11.2976 mL	22.5953 mL
5 mM	0.4519 mL	2.2595 mL	4.5191 mL
10 mM	0.226 mL	1.1298 mL	2.2595 mL
50 mM	0.0452 mL	0.226 mL	0.4519 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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