

DG013A formate

Chemical Properties

CAS No. :

Formula: C₂₇H₃₇N₄O₄P₂/5CH₂O₂

Molecular Weight: 530.99

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	DG013A (formate) is a tripeptide-mimicking inhibitor of hypophosphorous acid. It exhibits IC ₅₀ values of 33 nM for ERAP1 and 11 nM for ERAP2. This compound can be utilized in research related to autoimmune diseases and cancer.
Targets(IC ₅₀)	Aminopeptidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8833 mL	9.4164 mL	18.8327 mL
5 mM	0.3767 mL	1.8833 mL	3.7665 mL
10 mM	0.1883 mL	0.9416 mL	1.8833 mL
50 mM	0.0377 mL	0.1883 mL	0.3767 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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