

MEK1/C-Raf-IN-1

Chemical Properties

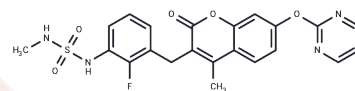
CAS No. : 946128-76-3

Formula: C₂₂H₁₉FN₄O₅S

Molecular Weight: 470.47

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	MEK1/C-Raf-IN-1 (Compound 14d) serves as an inhibitor of MEK1 and C-Raf, exhibiting IC ₅₀ values of 97 nM and 23 nM, respectively. It also displays antitumor activity [1].
Targets(IC ₅₀)	Raf,MEK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1255 mL	10.6277 mL	21.2553 mL
5 mM	0.4251 mL	2.1255 mL	4.2511 mL
10 mM	0.2126 mL	1.0628 mL	2.1255 mL
50 mM	0.0425 mL	0.2126 mL	0.4251 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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