

MEK/PI3K-IN-2

Chemical Properties

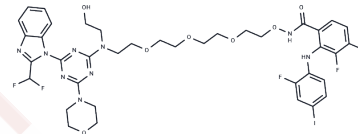
CAS No. : 2281803-33-4

Formula: C₃₈H₄₁F₅N₉O₇

Molecular Weight: 957.68

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	MEK/PI3K-IN-2 (compound 6s), a potent inhibitor of both MEK and PI3K, demonstrates IC ₅₀ values of 352 nM (MEK1), 107 nM (PI3K α), and 137 nM (PI3K δ), effectively reducing pAKT and pERK1/2 levels and exhibiting anti-proliferative activity against various tumor cell lines [1].
Targets(IC ₅₀)	ERK,MEK,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0442 mL	5.221 mL	10.4419 mL
5 mM	0.2088 mL	1.0442 mL	2.0884 mL
10 mM	0.1044 mL	0.5221 mL	1.0442 mL
50 mM	0.0209 mL	0.1044 mL	0.2088 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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