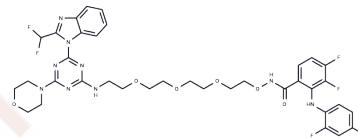


MEK/PI3K-IN-1

Chemical Properties

CAS No. :	2281803-28-7
Formula:	C36H37F5IN9O6
Molecular Weight:	913.63
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-1 (compound 6r) is a potent dual inhibitor of MEK and PI3K, exhibiting IC50 values of 124 nM for MEK1, 130 nM for PI3K α , and 236 nM for PI3K δ . It effectively reduces pAKT and pERK1/2 levels, demonstrating anti-proliferative effects on various tumor cell lines [1].
Targets(IC50)	ERK,MEK,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0945 mL	5.4727 mL	10.9453 mL
5 mM	0.2189 mL	1.0945 mL	2.1891 mL
10 mM	0.1095 mL	0.5473 mL	1.0945 mL
50 mM	0.0219 mL	0.1095 mL	0.2189 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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