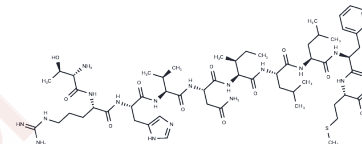


Braftide

Chemical Properties

CAS No. :	2411851-64-2
Formula:	C57H94N16O13S
Molecular Weight:	1243.52
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Braftide is an allosteric inhibitor of BRAF kinase that exerts its effect by targeting the surface of BRAF kinase dimers, thereby preventing their formation. It inhibits both wild-type BRAF and oncogenic BRAFG469A, with IC50 values of 364 nM and 172 nM, respectively. When combined with the TAT sequence, Braftide can suppress the MAPK signaling pathway, inhibiting the proliferation of KRAS-mutant tumor cells, with EC50 values of 7.1 μM for HCT116 and 6.6 μM for HCT-15.
Targets(IC50)	Raf,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8042 mL	4.0208 mL	8.0417 mL
5 mM	0.1608 mL	0.8042 mL	1.6083 mL
10 mM	0.0804 mL	0.4021 mL	0.8042 mL
50 mM	0.0161 mL	0.0804 mL	0.1608 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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