



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Braftide

Chemical Properties

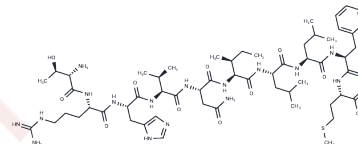
CAS No. : 2411851-64-2

Formula: C57H94N16O13S

Molecular Weight: 1243.52

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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.
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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