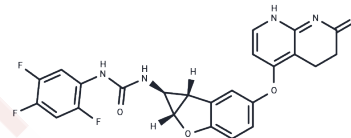


Brimarafenib

Chemical Properties

CAS No. :	1643326-82-2
Formula:	C ₂₄ H ₁₇ F ₃ N ₄ O ₄
Molecular Weight:	482.41
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	Brimarafenib is a selective RAF dimerization inhibitor, which can inhibit the activity of BRAF and CRAF, and exhibits significant inhibitory effects on a variety of RAF mutations (including BRAF I/II/III mutations, BRAF fusion and CRAF heterodimerization), and is used for the treatment of colorectal and pancreatic cancers and other solid tumors with MAPK mutations.
Targets(IC50)	Raf

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0729 mL	10.3646 mL	20.7293 mL
5 mM	0.4146 mL	2.0729 mL	4.1459 mL
10 mM	0.2073 mL	1.0365 mL	2.0729 mL
50 mM	0.0415 mL	0.2073 mL	0.4146 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.

Reference

Brimarafenibum (Brimarafenib). WHO Drug Information, Vol. 37, No. 4, 2023.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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