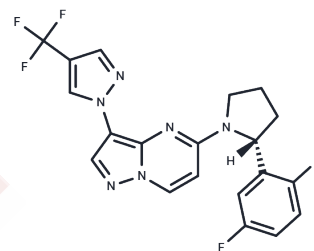


Paltimatrectinib

Chemical Properties

CAS No. :	2353522-15-1
Formula:	C ₂₀ H ₁₅ F ₅ N ₆
Molecular Weight:	434.37
Storage:	Store at low temperature 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	Paltimatrectinib (PBI-200) is a potent tyrosine kinase inhibitor with anticancer activity that inhibits myosin-related kinase A (TrkA). Paltimatrectinib is used in the study of bladder, breast and colorectal cancers.
Targets(IC50)	Trk receptor, Tyrosinase, Tyrosine Kinases

Solubility Information

Solubility	DMSO: 10 mg/mL (23.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3022 mL	11.5109 mL	23.0218 mL
5 mM	0.4604 mL	2.3022 mL	4.6044 mL
10 mM	0.2302 mL	1.1511 mL	2.3022 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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

Kollol Pal, et al. 5-(2-(2,5-difluorophenyl)pyrrolidin-1-yl)-3-(1h-pyrazol-1-yl)pyrazolo[1,5-a]pyrimidine derivatives and related compounds as trk kinase inhibitors for treating cancer. WO2019118584A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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