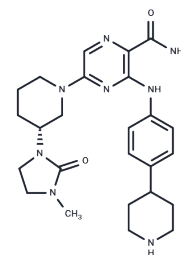


BTK ligand 12

Chemical Properties

CAS No. :	1791402-91-9
Formula:	C ₂₅ H ₃₄ N ₈ O ₂
Molecular Weight:	478.59
Storage:	Keep away from direct sunlight 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	BTK ligand 12 is a PROTAC target protein ligand serving as an active control for NRX-0492 (a BTK degradator).
Targets(IC50)	Apoptosis,EGFR,Bcl-2 Family,Caspase,Ligands for Target Protein for PROTAC, Necroptosis,MDM-2/p53

Solubility Information

Solubility	DMSO: 10 mg/mL (20.89 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	2.0895 mL	10.4474 mL	20.8947 mL
5 mM	0.4179 mL	2.0895 mL	4.1789 mL
10 mM	0.2089 mL	1.0447 mL	2.0895 mL
50 mM	0.0418 mL	0.2089 mL	0.4179 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

Zhang D, et al. NRX-0492 degrades wild-type and C481 mutant BTK and demonstrates in vivo activity in CLL patient-derived xenografts. Blood. 2023 Mar 30;141(13):1584-1596.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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