Data Sheet (Cat.No.T75133)



NRX-0492

Chemical Properties

CAS No.: 2416130-57-7

Formula: C43H51N11O6

Molecular Weight: 817.94

Appearance: no data available

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

Biological Description

Description	NRX-0492 is an orally administered compound that efficiently degrades Bruton's
	tyrosine kinase (BTK) by catalyzing its ubiquitylation and subsequent proteasomal
	degradation, achieving half-maximal degradation concentrations (DC50) of ≤0.2 nM and
	90% degradation concentrations (DC90) of ≤0.5 nM. Additionally, NRX-0492 suppresses
	B-cell receptor (BCR) signaling, transcriptional activities, and chemokine production by
	linking a noncovalent BTK-binding domain to Cereblon, an adaptor protein within the E3
	ubiquitin ligase complex [1].

Preparing Stock Solutions

⊕	1mg	5mg 💮	10mg	
1 mM	1.2226 mL	6.1129 mL	12.2258 mL	
5 mM	0.2445 mL	1.2226 mL	2.4452 mL	
10 mM	0.1223 mL	0.6113 mL	1.2226 mL	
50 mM	0.0245 mL	0.1223 mL	0.2445 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

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