

NRX-0492

## Chemical Properties

CAS No. : 2416130-57-7

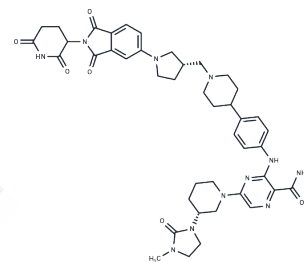
Formula: C43H51N11O6

Molecular Weight: 817.94

Keep away from direct sunlight

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	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 $\leq 0.2$ nM and 90% degradation concentrations (DC90) of $\leq 0.5$ 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].
Targets(IC50)	Others,BTK,PROTACs

## 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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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