

NRX-103095

Chemical Properties

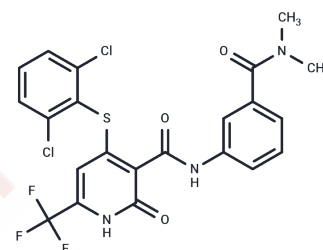
CAS No. : 2763260-38-2

Formula: C₂₂H₁₆Cl₂F₃N₃O₃S

Molecular Weight: 530.35

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-103095 is a potent enhancer of the interaction of β -catenin with the homologous E3 ligase SCF β -TrCP and enhances the affinity of pSer33/Ser37 β -catenin for β -TrCP with an EC ₅₀ of 163 nM.
Targets(IC ₅₀)	Wnt/beta-catenin

Solubility Information

Solubility	DMSO: 90 mg/mL (169.7 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	1.8855 mL	9.4277 mL	18.8555 mL
5 mM	0.3771 mL	1.8855 mL	3.7711 mL
10 mM	0.1886 mL	0.9428 mL	1.8855 mL
50 mM	0.0377 mL	0.1886 mL	0.3771 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

Kyle R Simonetta, et al. Prospective discovery of small molecule enhancers of an E3 ligase-substrate interaction. Nat Commun. 2019 Mar 29;10(1):1402.

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