

NRX-252262

Chemical Properties

CAS No. : 2438637-61-5

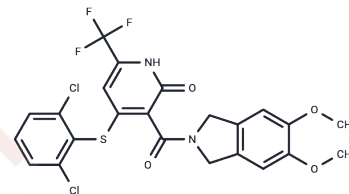
Formula: C₂₃H₁₇Cl₂F₃N₂O₄S

Molecular Weight: 545.36

Store at low temperature

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-252262 is a potent enhancer of the interaction between β -Catenin and its cognate E3 ligase, SCF β -TrCP, inducing mutant β -Catenin degradation (EC ₅₀ : 3.8 nM).
Targets(IC ₅₀)	E1/E2/E3 Enzyme,Molecular Glues,Wnt/beta-catenin
In vitro	NRX-252262 also induces S33E/S37A mutant β -catenin degradation at an even lower concentration of ~35 μ M

Solubility Information

Solubility	DMSO: 8 mg/mL (14.67 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	1.8337 mL	9.1683 mL	18.3365 mL
5 mM	0.3667 mL	1.8337 mL	3.6673 mL
10 mM	0.1834 mL	0.9168 mL	1.8337 mL
50 mM	0.0367 mL	0.1834 mL	0.3667 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. Nature Communications. 2019 March.

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