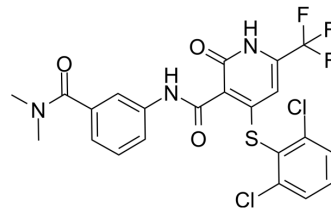


NRX-103095

Cat. No.:	HY-141450		
CAS No.:	2763260-38-2		
Molecular Formula:	C ₂₂ H ₁₆ Cl ₂ F ₃ N ₃ O ₃ S		
Molecular Weight:	530.35		
Target:	β-catenin		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (188.55 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

NRX-103095 is an enhancer of the interaction between β-catenin, and its cognate E3 ligase, SCF^{β-TrCP}. NRX-103095 enhances the binding of pSer33/Ser37 β-catenin peptide for β-TrCP with an EC₅₀ of 163 nM^[1].

IC₅₀ & Target

EC₅₀: 163 nM (β-catenin:β-TrCP Interaction)^[1]

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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