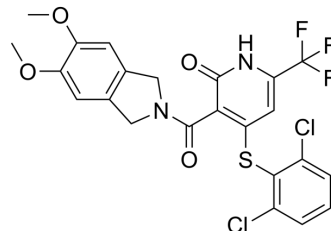


## NRX-252262

Cat. No.:	HY-111760		
CAS No.:	2438637-61-5		
Molecular Formula:	C <sub>23</sub> H <sub>17</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub> S		
Molecular Weight:	545.36		
Target:	β-catenin; Molecular Glues		
Pathway:	Stem Cell/Wnt; PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 8.33 mg/mL (15.27 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

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

### BIOLOGICAL ACTIVITY

<b>Description</b>	NRX-252262 is a potent enhancer of the interaction between β-Catenin, and its cognate E3 ligase, SCF <sup>β-TrCP</sup> , induces mutant β-catenin degradation, with an EC <sub>50</sub> of 3.8 nM <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	EC <sub>50</sub> : 3.8 nM (β-Catenin-SCF <sup>β-TrCP</sup> ) <sup>[1]</sup>
<b>In Vitro</b>	NRX-252262 (35 μM) causes S33E/S37A mutant β-catenin degradation in cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

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

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