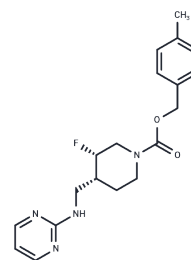


## Rislenemdaz

## Chemical Properties

CAS No. :	808732-98-1
Formula:	C <sub>19</sub> H <sub>23</sub> FN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	358.41
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Rislenemdaz (CERC-301) (CERC-301) is an antagonist of the N-methyl-D-aspartate (NMDA) receptor subunit 2B (GluN2B).
Targets(IC50)	iGluR
In vitro	rislenemdaz (CERC-301) inhibited calcium influx in agonist stimulated NMDA-GluN1a/GluN2B L(tk-) cells. rislenemdaz (CERC-301) had an IC <sub>50</sub> of 3.6 nM. rislenemdaz is highly selective for GluN2B receptors. rislenemdaz showed minimal activity against sigma-type receptors at a concentration of 10 μM[1].

## Solubility Information

Solubility	DMSO: 90.0 mg/mL (251.1 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	2.7901 mL	13.9505 mL	27.901 mL
5 mM	0.558 mL	2.7901 mL	5.5802 mL
10 mM	0.279 mL	1.3951 mL	2.7901 mL
50 mM	0.0558 mL	0.279 mL	0.558 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.

## Reference

Rachel Garner, et al. Preclinical pharmacology and pharmacokinetics of CERC-301, a GluN2B-selective N-methyl-D-aspartate receptor antagonist. Pharmacol Res Perspect. 2015 Dec; 3(6): e00198.

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