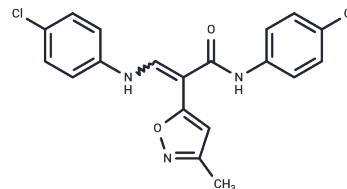


CCMI

Chemical Properties

CAS No. : 917837-54-8
 Formula: C₁₉H₁₅Cl₂N₃O₂
 Molecular Weight: 388.25
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CCMI (AVL-3288) is a potent and selective modulator of $\alpha 7$ nAChR-positive allosteric.
Targets(IC50)	AChR

Solubility Information

Solubility	DMSO: 100 mg/mL (257.57 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5757 mL	12.8783 mL	25.7566 mL
5 mM	0.5151 mL	2.5757 mL	5.1513 mL
10 mM	0.2576 mL	1.2878 mL	2.5757 mL
50 mM	0.0515 mL	0.2576 mL	0.5151 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

Ng H J , Whittemore E R , Tran M B , et al. Nootropic $\alpha 7$ nicotinic receptor allosteric modulator derived from GABAA receptor modulators[J]. Proceedings of the National Academy of Sciences, 2007, 104(19):8059-8064.

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