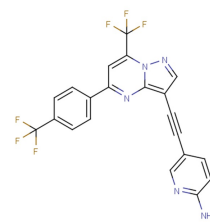


## Decogurant

## Chemical Properties

CAS No.:	911115-16-7
Formula:	C <sub>21</sub> H <sub>11</sub> F <sub>6</sub> N <sub>5</sub>
Molecular Weight:	447.34
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Decogurant is a negative allosteric modulator of mGluR2 and mGluR3 developed as an antidepressant.
Targets(IC <sub>50</sub> )	mGluR2: None mGluR3: None

## Solubility Information

Solubility	DMSO: 250 mg/mL (558.86 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.235 mL	11.177 mL	22.354 mL
5 mM	0.447 mL	2.235 mL	4.471 mL
10 mM	0.224 mL	1.118 mL	2.235 mL
50 mM	0.045 mL	0.224 mL	0.447 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Wilkinson ST, et al. A new generation of antidepressants: an update on the pharmaceutical pipeline for novel and rapid-acting therapeutics in mood disorders based on glutamate/GABA neurotransmitter systems. Drug Discov Today. 2019 Feb;24(2):606-615.

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