

MS-153

## Chemical Properties

CAS No. : 130775-79-0  
Formula: C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>O  
Molecular Weight: 189.21  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.



## Biological Description

Description	MS-153, identified as a compound that activates glutamate transporters, has been shown to reduce the conditioned reward effects of morphine, methamphetamine, and cocaine, without adversely affecting the acute locomotor response in mice.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2851 mL	26.4257 mL	52.8513 mL
5 mM	1.057 mL	5.2851 mL	10.5703 mL
10 mM	0.5285 mL	2.6426 mL	5.2851 mL
50 mM	0.1057 mL	0.5285 mL	1.057 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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