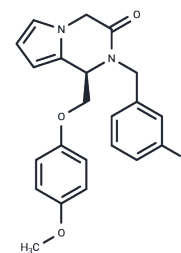


R-(+)-EU-1180-453

## Chemical Properties

CAS No. : 2488764-06-1  
 Formula: C<sub>22</sub>H<sub>21</sub>FN<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 380.41  
 Storage: Keep away from moisture  
 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	R-(+)-EU-1180-453 is a novel GluN2C/D selective NMDAR-positive modulator for the study of neurological disorders.
Targets(IC50)	NMDAR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6287 mL	13.1437 mL	26.2874 mL
5 mM	0.5257 mL	2.6287 mL	5.2575 mL
10 mM	0.2629 mL	1.3144 mL	2.6287 mL
50 mM	0.0526 mL	0.2629 mL	0.5257 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.

## Reference

Epplin MP, et al. Discovery of Dihydropyrrolo[1,2-a]pyrazin-3(4H)-one-Based Second-Generation GluN2C- and GluN2D-Selective Positive Allosteric Modulators (PAMs) of the N-Methyl-d-Aspartate (NMDA) Receptor. J Med Chem. 2020 Jul 23;63(14):7569-7600.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481