

## SLC6A8 corrector 1

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 351.44

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	SLC6A8 Corrector 1 is an orally active corrector for mutant SLC6A8 variants, capable of crossing the blood-brain barrier. It is utilized in the study of creatine transporter deficiency (CTD).
Targets(IC50)	Others,Sodium Channel
In vivo	SLC6A8 corrector 1 (compound 6; 30 mg/kg; oral gavage) increases brain creatine levels in heterozygous female mice.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8454 mL	14.2272 mL	28.4544 mL
5 mM	0.5691 mL	2.8454 mL	5.6909 mL
10 mM	0.2845 mL	1.4227 mL	2.8454 mL
50 mM	0.0569 mL	0.2845 mL	0.5691 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.

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