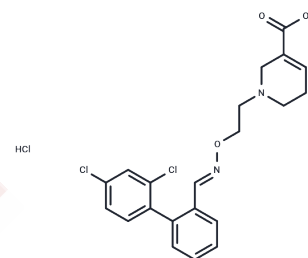


## DDPM-2571 HCl

## Chemical Properties

CAS No. :	1672672-26-2
Formula:	C <sub>21</sub> H <sub>21</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	455.76
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	DDPM-2571 is a highly potent and in vivo active inhibitor of GABA transporter subtype 1 with anticonvulsant, anxiolytic, antidepressant and antinociceptive properties. DDPM-2571 was quickly distributed into the brain and was highly effective in the prevention of chemically-induced seizures (pentylentetrazole and pilocarpine models) and 6-Hz convulsions. It demonstrated significant anxiolytic-like and antidepressant-like properties. DDPM-2571 had antinociceptive properties, both in the hot plate test and in the second phase of the formalin test.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1941 mL	10.9707 mL	21.9414 mL
5 mM	0.4388 mL	2.1941 mL	4.3883 mL
10 mM	0.2194 mL	1.0971 mL	2.1941 mL
50 mM	0.0439 mL	0.2194 mL	0.4388 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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