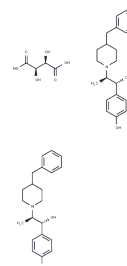


## threo Ifenprodil hemitartrate

## Chemical Properties

CAS No. :	1312991-83-5
Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>O</sub> <sub>2</sub> · 1/2C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>
Molecular Weight:	400.49
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	$\sigma$ receptor agonist and NR2B subunit-selective NMDA receptor antagonist
Targets(IC50)	Others, iGluR, Potassium Channel, Sigma receptor

## Solubility Information

Solubility	H <sub>2</sub> O: <10.01 mg/mL, Sonication is recommended. DMSO: <40.05 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4969 mL	12.4847 mL	24.9694 mL
5 mM	0.4994 mL	2.4969 mL	4.9939 mL
10 mM	0.2497 mL	1.2485 mL	2.4969 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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