# Data Sheet (Cat.No.T77501)



## TAO Kinase inhibitor 2

### **Chemical Properties**

CAS No.: 850467-77-5

Formula: C25H24N2O3

Molecular Weight: 400.47

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

# **Biological Description**

Description	TAO Kinase inhibitor 2 is a TAO kinase inhibitor with an IC50 of 50-500 nM. TAO Kinase inhibitor 2 inhibits KIAA1361 and JIK with IC50s of 50-500 nM.
Targets(IC50)	Serine/threonin kinase

## **Solubility Information**

Solubility	DMSO: 60 mg/mL (149.82 mM)
<b>⊗</b>	(< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4971 mL	12.4853 mL	24.9707 mL
5 mM	0.4994 mL	2.4971 mL	4.9941 mL
10 mM	0.2497 mL	1.2485 mL	2.4971 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.

## Reference

Deborah Lynn Baly, et al. Tao kinase modulators and methods of use. Patent. WO2005040355. Giacomini C, et al. A new TAO kinase inhibitor reduces tau phosphorylation at sites associated with

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:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com