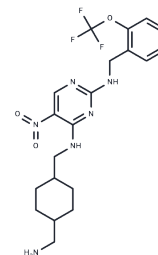


PKC-theta inhibitor

Chemical Properties

CAS No. :	736048-65-0
Formula:	C20H25F3N6O3
Molecular Weight:	454.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	PKC-theta inhibitor is PKC- θ inhibitor, with an IC ₅₀ of 12 nM.
Targets(IC ₅₀)	PKC

Solubility Information

Solubility	DMSO: 62.5 mg/mL (137.53 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2005 mL	11.0023 mL	22.0046 mL
5 mM	0.4401 mL	2.2005 mL	4.4009 mL
10 mM	0.220 mL	1.1002 mL	2.2005 mL
50 mM	0.044 mL	0.220 mL	0.4401 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

Cywin CL, et al. Discovery of potent and selective PKC-theta inhibitors. Bioorg Med Chem Lett. 2007 Jan 1;17(1): 225-30.

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