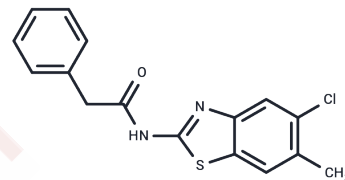


LH846

Chemical Properties

CAS No. : 639052-78-1
 Formula: C₁₆H₁₃ClN₂O₂
 Molecular Weight: 316.81
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LH846 is a selective inhibitor of CK1δ with IC ₅₀ values of 290 nM for CK1δ, 1.3 μM for CK1ε, and 2.5 μM for CK1α, and exhibits no inhibitory activity at CK2.
Targets(IC ₅₀)	Casein Kinase

Solubility Information

Solubility	DMSO: 55 mg/mL (173.61 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1565 mL	15.7823 mL	31.5647 mL
5 mM	0.6313 mL	3.1565 mL	6.3129 mL
10 mM	0.3156 mL	1.5782 mL	3.1565 mL
50 mM	0.0631 mL	0.3156 mL	0.6313 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

Lee JW, et al. Angew Chem Int Ed Engl. 2011 Nov 4;50(45):10608-11.

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