

LY3143921 hydrate

Chemical Properties

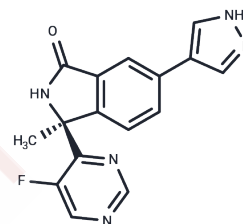
CAS No. : 1627696-53-0

Formula: C₁₆H₁₄FN₅O₂

Molecular Weight: 327.31

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

Actual storage temperature shall be subject to the COA.

H₂O

Biological Description

Description	LY3143921 ((S)-Example 2) hydrate is an orally active CDC7 kinase inhibitor with broad in vitro anticancer activity [1].
Targets(IC50)	CDK

Solubility Information

Solubility	DMSO: 65 mg/mL (198.59 mM),Sonication is recommended. Ethanol: 32 mg/mL (97.77 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0552 mL	15.276 mL	30.5521 mL
5 mM	0.611 mL	3.0552 mL	6.1104 mL
10 mM	0.3055 mL	1.5276 mL	3.0552 mL
50 mM	0.0611 mL	0.3055 mL	0.611 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.

Reference

Gallagher P F , Coyle V , Evans T , et al. A CRUK first-in-human phase I trial of a CDC7 Inhibitor, LY3143921 hydrate, in patients with advanced solid tumors.[J]. Journal of Clinical Oncology, 2019, 37(15_suppl):TPS3167-TPS3167.

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