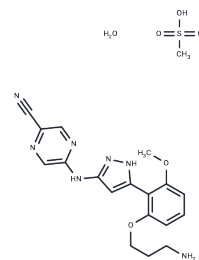


Prexasertib Mesylate Hydrate

Chemical Properties

CAS No. :	1234015-57-6
Formula:	C ₁₉ H ₂₅ N ₇ O ₆ S
Molecular Weight:	479.51
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	Prexasertib Mesylate Hydrate (LY2606368 Mesylate Hydrate) is an ATP-competitive, selective, second-generation cell cycle checkpoint kinase 1 (CHK1) inhibitor (IC ₅₀ <1 nM, Ki: 0.9 nM). It inhibits CHK2 (IC ₅₀ : 8 nM) and RSK1 (IC ₅₀ : 9 nM), induces double-stranded DNA breaks and replication mutations, triggers apoptosis, and exhibits potent anti-tumor effects.
Targets(IC ₅₀)	Apoptosis,Others,Chk

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0855 mL	10.4273 mL	20.8546 mL
5 mM	0.4171 mL	2.0855 mL	4.1709 mL
10 mM	0.2085 mL	1.0427 mL	2.0855 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 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