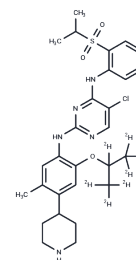


Ceritinib-D7

Chemical Properties

CAS No. :	1632484-77-5
Formula:	C ₂₈ H ₃₆ ClN ₅ O ₃ S
Molecular Weight:	565.18
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	Ceritinib-D7 is a deuterium-labeled Ceritinib. Ceritinib (T1791) is an ATP-competitive inhibitor of ALK tyrosine kinase.
Targets(IC50)	ALK,IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7693 mL	8.8467 mL	17.6935 mL
5 mM	0.3539 mL	1.7693 mL	3.5387 mL
10 mM	0.1769 mL	0.8847 mL	1.7693 mL
50 mM	0.0354 mL	0.1769 mL	0.3539 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

Marsilje TH, et al. Synthesis, structure-activity relationships, and in vivo efficacy of the novel potent and selective anaplastic lymphoma kinase (ALK) inhibitor 5-chloro-N₂-(2-isopropoxy-5-methyl-4-(piperidin-4-yl)phenyl)-N₄-(2-(isopropylsulfonyl)phenyl)pyrimidine-2,4-diamine (LDK378) currently in phase 1 and phase 2 clinical trials. J Med Chem. 2013 Jul 25;56(14):5675-90.

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