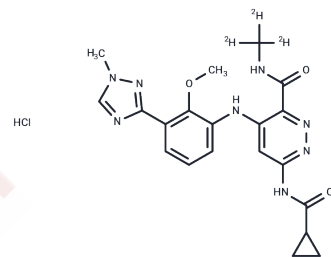


Deucravacitinib hydrochloride

Chemical Properties

CAS No. :	1609392-28-0
Formula:	C ₂₀ H ₂₀ D ₃ ClN ₈ O ₃
Molecular Weight:	461.93
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	Deucravacitinib hydrochloride is a Highly Potent and Selective Allosteric Inhibitor of TYK2. BMS-986165 Blocks IL-12, IL-23 and type I Interferon Signaling and Provides for Robust Efficacy in Preclinical Models of Inflammatory Bowel Disease. MS-986165 potently binds to the Tyk2 pseudokinase domain (K _i = 0.02 nM), and is highly selective against a panel of 265 kinases and pseudokinases. The compound potently inhibited IL-23-, IL-12-, and Type I interferon-driven cellular signaling and transcriptional responses (IC ₅₀ range 2-14 nM).
Targets(IC50)	IFNAR, Interleukin, JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1648 mL	10.8242 mL	21.6483 mL
5 mM	0.433 mL	2.1648 mL	4.3297 mL
10 mM	0.2165 mL	1.0824 mL	2.1648 mL
50 mM	0.0433 mL	0.2165 mL	0.433 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