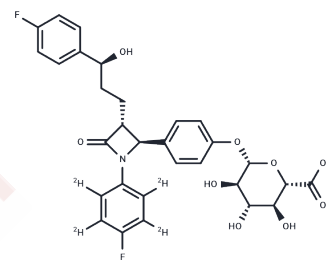


Ezetimibe phenoxy glucuronide-D4

Chemical Properties

CAS No. :	1426174-41-5
Formula:	C30H29F2NO9
Molecular Weight:	589.57
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ezetimibe phenoxy glucuronide-D4 is a 2H-labeled Ezetimibe phenoxy glucuronide (T11253), an active metabolite of Ezetimibe that lowers cholesterol by inhibiting cholesterol absorption in the intestine, thus reducing LDL-C.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6962 mL	8.4808 mL	16.9615 mL
5 mM	0.3392 mL	1.6962 mL	3.3923 mL
10 mM	0.1696 mL	0.8481 mL	1.6962 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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

- Wang L, et al. Pharmacokinetic Interactions and Tolerability of Rosuvastatin and Ezetimibe: A Randomized, Phase 1, Crossover Study in Healthy Chinese Participants. *Eur J Drug Metab Pharmacokinet.* 2023 Jan;48(1):51-62.
- Xie N, et al. Changes in Disposition of Ezetimibe and Its Active Metabolites Induced by Impaired Hepatic Function: The Influence of Enzyme and Transporter Activities. *Pharmaceutics.* 2022 Dec 8;14(12):2743.

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