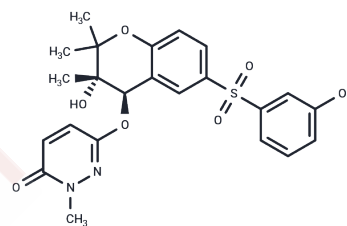


UK-157147

Chemical Properties

CAS No. : 162704-20-3
 Formula: C₂₃H₂₄N₂O₇S
 Molecular Weight: 472.51
 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	UK-157147 is a substrate for UGT1A1 (Km: 105 μM).
Targets(IC50)	UGT
In vitro	The para phenol UK-157147 (UK-157,147) is found to be a substrate for UGT1A1 with a Km value of 105 μM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1164 mL	10.5818 mL	21.1636 mL
5 mM	0.4233 mL	2.1164 mL	4.2327 mL
10 mM	0.2116 mL	1.0582 mL	2.1164 mL
50 mM	0.0423 mL	0.2116 mL	0.4233 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

Ethell BT, et al. Use of cloned and expressed human UDP-glucuronosyltransferases for the assessment of human drug conjugation and identification of potential drug interactions. Drug Metab Dispos. 2001 Jan;29(1):48-53.

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