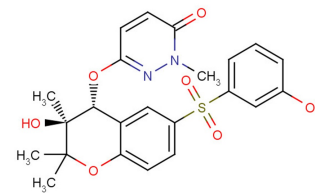


UK-157147

Chemical Properties

CAS No.:	162704-20-3
Formula:	C ₂₃ H ₂₄ N ₂ O ₇ S
Molecular Weight:	472.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	UK-157147 is a substrate for UGT1A1 (Km: 105 μ M).
Targets(IC ₅₀)	UGT1A1 (Km): 105 μ M
In vitro	The para phenol UK-157147 is found to be a substrate for UGT1A1 (Km: 105 μ M).

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.116 mL	10.582 mL	21.164 mL
5 mM	0.423 mL	2.116 mL	4.233 mL
10 mM	0.212 mL	1.058 mL	2.116 mL
50 mM	0.042 mL	0.212 mL	0.423 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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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