

UK-157147

Catalog No: tcsc0018470



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

162704-20-3

Formula:

$C_{23}H_{24}N_2O_7S$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

472.51

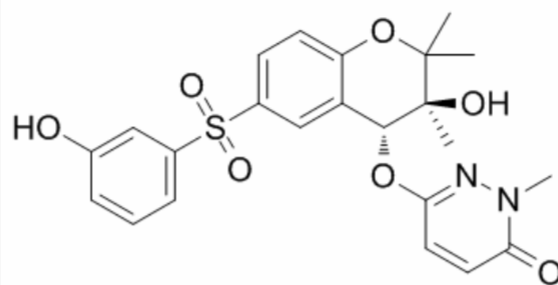
Product Description

UK-157147 is a substrate for UDP-glucuronosyltransferases (**UGT1A1**) with a **K_m** value of 105 μM.

IC50 & Target: Km: 105 μM (UGT1A1)^[1]

In Vitro:

Glucuronidation is an important pathway for human drug metabolism. Four cloned and expressed human UDP-glucuronosyltransferases (UGT1A1, UGT1A6, UGT1A9, and UGT2B15) are used to screen a series of three potential drug substrates differing only in position of the phenol moiety. The *para* phenol UK-157147 (UK-157,147) is found to be a substrate for UGT1A1 with a K_m value of $105 \mu\text{M}$ ^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!