

XEN723

Catalog No: tcsc0018400



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

1072803-08-7

Formula:

$C_{21}H_{20}FN_5O_2S$

Pathway:

Metabolic Enzyme/Protease

Target:

Stearoyl-CoA Desaturase (SCD)

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

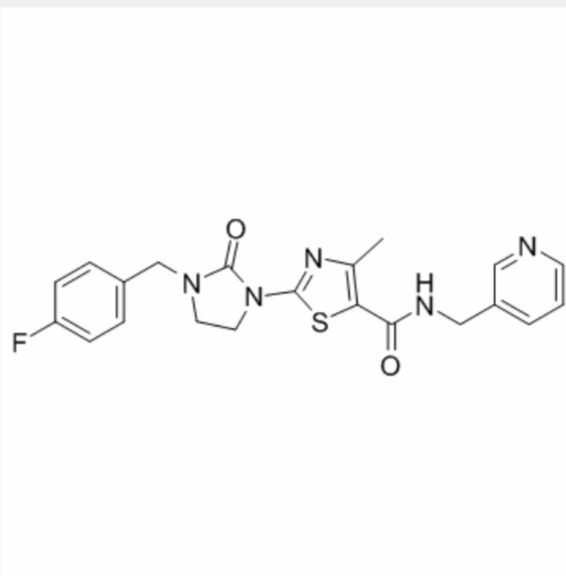
425.48

Product Description

XEN723 is a novel and potent thiazolylimidazolidinone inhibitor of **Stearoyl-CoA Desaturase (SCD1)** with **IC₅₀s** of 45 and 524 nM in mouse and HepG2 cell, respectively.

IC50 & Target: IC50: 45 nM (SCD1 in Mouse), 524 nM (SCD1 in HepG2 cell)^[1]

In Vitro: XEN723 is a novel and potent thiazolyimidazolidinone inhibitor of Stearoyl-CoA Desaturase (SCD1) with IC₅₀s of 45 and 524 nM in mouse and HepG2 cell, respectively. XEN723 demonstrates an improvement in SCD1 *in vitro* potency of more than 560-fold compare to the original high throughput screen (HTS) hit^[1].



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