

Implitapide

Catalog No: tcsc0024943



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

177469-96-4

Formula:

$C_{35}H_{37}N_3O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

AEGR 427

Observed Molecular Weight:

531.69

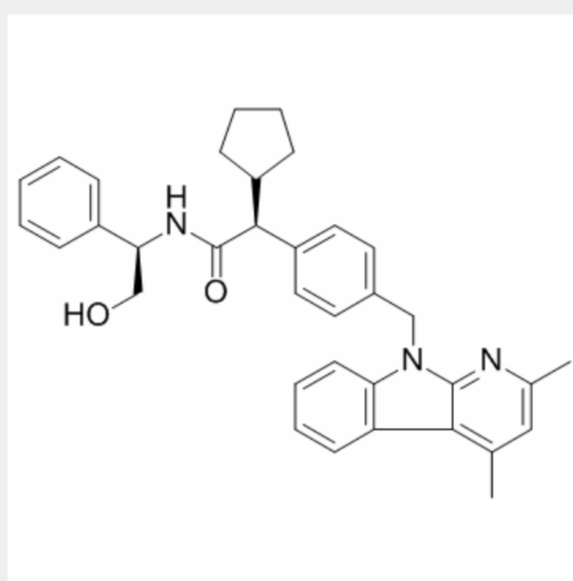
Product Description

Implitapide (AEGR 427) is a microsomal triglyceride transfer protein (**MTP**) inhibitor.

IC₅₀ & Target: MTP^[1]

In Vitro: Implitapide suppresses MTP activity using a recombinant human form complexed with protein disulphide isomerase (IC₅₀ =10 nM) and inhibit secretion of apoB-containing very low-density lipoprotein (VLDL)-like lipoproteins from a human hepatoma cell (HepG2) with an IC₅₀ value of 1.1 nM^[1].

In Vivo: Implitapide (3.2 mg/kg/d) significantly reduces the plasma lipid levels to nearly or below the chow diet (CD) level at 4 and 8 weeks of treatment (p[1]).



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