

XEN445

Catalog No: tcsc3144



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1515856-92-4

Formula:

$C_{18}H_{17}F_3N_2O_3$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 40 mg/mL (109.19 mM)

Observed Molecular Weight:

366.33

Product Description

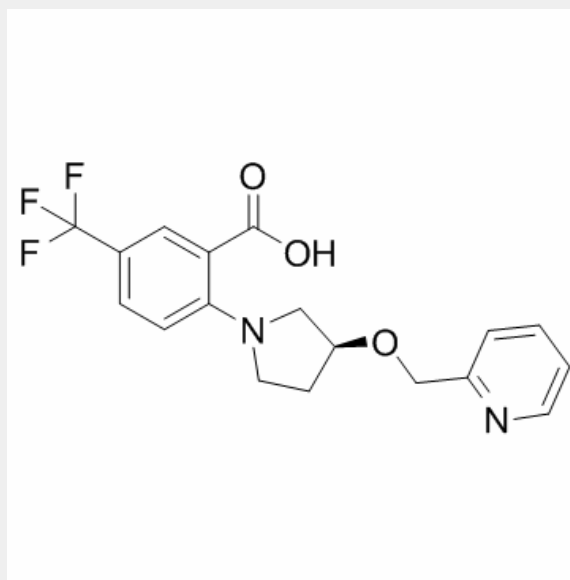
XEN445 is a potent and selective EL inhibitor(IC₅₀=0.237 uM), that showed good ADME and PK properties, and demonstrated in vivo

efficacy in raising plasma HDLc concentrations in mice.

IC50 value: 0.237 μ M [1]

Target: Endothelial lipase inhibitor

XEN445 can be readily prepared in good yield from commercial available chemicals, which was selected for further evaluation of this series of EL inhibitors. After a 30 min preincubation of EL-expressing HEK cells with XEN445, the IC50 value for XEN445 of 0.25 μ M was obtained. This value was very similar to that determined in the cell-free assay. Wild-type mice were orally dosed with XEN445 at 30 mg/kg b.i.d. for 3 days and blood was taken on the morning of day 4, 16 h post final dose. At termination, the average plasma levels of XEN445 was 9.9 μ M and the drug caused an 18% and 16% increase in total plasma cholesterol and HDLc, respectively.



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