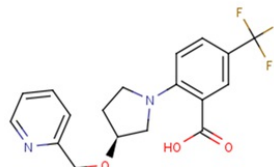


Product Name : XEN-445
Synonyms : XEN445; XEN 445; XEN-445
Cat No. : M17330
CAS Number : 1515856-92-4
Molecular Formula : C₁₈H₁₇F₃N₂O₃
Formula Weight : 366.33
Chemical Name : (S)-2-(3-(pyridin-2-ylmethoxy)pyrrolidin-1-yl)-5-(trifluoromethyl)benzoic acid



Description : XEN445 is potent and selective endothelial lipase inhibitor, that showed good ADME and PK properties, and demonstrated in vivo efficacy in raising plasma HDLc concentrations in mice. Endothelial lipase (EL) activity has been implicated in HDL metabolism and in atherosclerotic plaque development; inhibitors are proposed to be efficacious in the treatment of dyslipidemia related cardiovascular disease.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : endothelial lipase

Solubility : DMSO : ≥ 40 mg/mL. 109.19 mM

SMILES : c1ccc(c(c1)C(=O)O)N1C[C@H](CC1)OCc1cccc1C(F)(F)F

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Sun S, et al. Bioorg Med Chem. 2013, 21(24), 7724-7734.