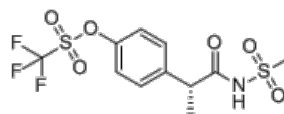


Product Name	: Ladarixin
Synonyms	: DF 2156; DF 2156A
Cat No.	: M16169
CAS Number	: 849776-05-2
Molecular Formula	: C ₁₁ H ₁₂ F ₃ NO ₆ S ₂
Formula Weight	: 375.33
Chemical Name	: 4-((2R)-1-Oxo-1-(methanesulfonyl)propan-2-yl)phenyl trifluoromethanesulfonate
Description	: A novel allosteric, noncompetitive dual CXCR1/2 inhibitor that inhibits human polymorphonuclear leukocyte (PMN) migration to CXCL8 in vitro with IC ₅₀ of 0.7 nM; prevents PMN infiltration and tissue damage in several models of IR injury in vivo; abrogates motility and induces apoptosis in cultured cutaneous and uveal melanoma cells and xenografts; also prevents inflammation-mediated damage in MLD-STZ, prevents and reverses diabetes in NOD mice. Diabetes Phase 2 Clinical
Pathway	: GPCR/G Protein
Target	: Chemokine Receptor
Receptor	: Chemokine Receptor
Solubility	: —
SMILES	: <chem>CC(C1=CC=C(C=C1)OS(=O)(=O)C(F)(F)F)C(=O)NS(=O)(=O)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Garau A, et al. Eur Cytokine Netw. 2006 Mar;17(1):35-41. | 2. Citro A, et al. Diabetes. 2015 Apr;64(4):1329-40. | 3. Kemp DM, et al. Oncotarget. 2017 Feb 28;8(9):14428-14442. | 4. Bertini R, et al. Br J Pharmacol. 2012 Jan;165(2):436-54.