

Product Name : HPGDS inhibitor 1

Synonyms : H-PGDS Inhibitor I

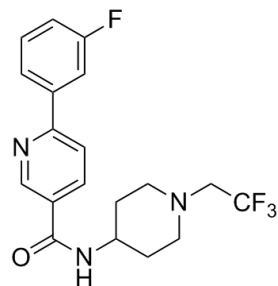
Cat No. : M10167

CAS Number : 1033836-12-2

Molecular Formula : C₁₉H₁₉F₄N₃O

Formula Weight : 381.37

Chemical Name : 3-Pyridinecarboxamide, 6-(3-fluorophenyl)-N-[1-(2,2,2-trifluoroethyl)-4-piperidinyl]-



Description : A potent, selective, oral hematopoietic prostaglandin D synthase (HPGDS) inhibitor with enzyme IC₅₀ of 0.6 nM; does not inhibit human L-PGDS, mPGES, COX-1, COX-2, or 5 LOX (IC₅₀>10 μM); reduces the antigen-induced response in vivo.

Pathway : Immunology/Inflammation

Target : PGE synthase

Receptor : hPGDS

Solubility : 10 mM in DMSO

SMILES : O=C(C1=CC=C(C2=CC=CC(F)=C2)N=C1)NC3CCN(CC(F)(F)F)CC3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Carron CP, et al. ACS Med Chem Lett. 2010 Feb 2;1(2):59-63.