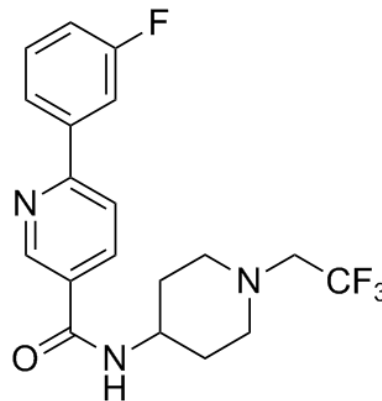


Product Name : HPGDS inhibitor 1
Cat. No. : PC-42585
CAS No. : 1033836-12-2
Molecular Formula : C₁₉H₁₉F₄N₃O
Molecular Weight : 381.3673
Target : PGE synthase
Solubility : 10 mM in DMSO



Biological Activity

HPGDS inhibitor 1 is a potent, selective, oral hematopoietic prostaglandin D synthase (**H-PGDS**) inhibitor with enzyme IC₅₀ of 0.6 nM.

HPGDS inhibitor 1 does not inhibit human L-PGDS, mPGES, COX-1, COX-2, or 5 LOX (IC₅₀>10 μM).

HPGDS inhibitor 1 reduces the antigen-induced response in vivo.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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