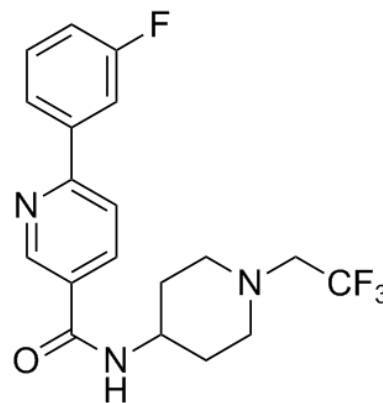


**Product Name** : HPGDS inhibitor 1  
**Cat. No.** : PC-42585  
**CAS No.** : 1033836-12-2  
**Molecular Formula** : C<sub>19</sub>H<sub>19</sub>F<sub>4</sub>N<sub>3</sub>O  
**Molecular Weight** : 381.3673  
**Target** : PGE synthase  
**Solubility** : 10 mM in DMSO



### Biological Activity

HPGDS inhibitor 1 is a potent, selective, oral hematopoietic prostaglandin D synthase (**H-PGDS**) inhibitor with enzyme IC<sub>50</sub> of 0.6 nM.

HPGDS inhibitor 1 does not inhibit human L-PGDS, mPGES, COX-1, COX-2, or 5 LOX (IC<sub>50</sub>>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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