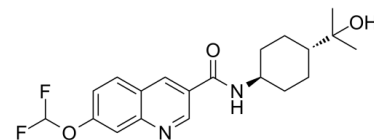


Data Sheet

Product Name:	HPGDS inhibitor 2
Cat. No.:	CS-0090737
CAS No.:	2101626-26-8
Molecular Formula:	C ₂₀ H ₂₄ F ₂ N ₂ O ₃
Molecular Weight:	378.41
Target:	PGE synthase
Pathway:	Immunology/Inflammation
Solubility:	DMSO : ≥ 150 mg/mL (396.40 mM)



BIOLOGICAL ACTIVITY:

HPGDS inhibitor 2 is a highly potent and selective **hematopoietic prostaglandin D synthase (H-PGDS)** inhibitor with an **IC₅₀** of 9.9 nM^[1]. IC₅₀ & Target: IC₅₀: 9.9 nM (H-PGDS)^[1]

References:

[1]. Deaton DN, et al. The discovery of quinoline-3-carboxamides as hematopoietic prostaglandin D synthase (H-PGDS) inhibitors. *Bioorg Med Chem*. 2019 Apr 15;27(8):1456-1478.

CAIndexNames:

3-Quinolinecarboxamide, 7-(difluoromethoxy)-N-[trans-4-(1-hydroxy-1-methylethyl)cyclohexyl]-

SMILES:

FC(F)OC1=CC=C2C(N=CC(C(N[C@@H]3CC[C@H](C(C)(C)O)CC3)=O)=C2)=C1

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA