

Product Data Sheet

Product Name: HPGDS inhibitor 2

Cat. No.: GC36254

Chemical Properties

Cas. No. 2101626-26-8

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

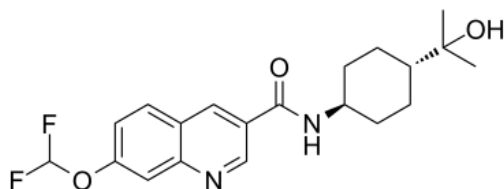
Formula $C_{20}H_{24}F_2N_2O_3$ M.Wt 378.41

Solubility DMSO: ≥ 150 mg/mL (396.40 mM) Storage 4°C , away from moisture and light

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

HPGDS inhibitor 2 is a highly potent and selective hematopoietic prostaglandin D synthase (H-PGDS) inhibitor with an IC_{50} of 9.9 nM[1]. IC_{50} : 9.9 nM (H-PGDS)[1]

[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.

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

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