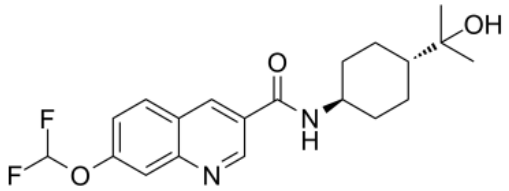
# Product Data Sheet

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 IC50 of 9.9 nM[1]. IC50: 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.***
***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***
***Address: 10292 Central Ave. #205, Montclair, CA, USA***