

Product Data Sheet

Product Name: SAR191801

Cat. No.: GC12330

Chemical Properties

Cas. No. 1234708-04-3

Chemical Name (Z)-N-(3-(5-(2-hydroxypropan-2-yl)-1,2,4-oxadiazol-3-yl)benzyl)-2-(pyridin-2-yl)pyrimidin-5-carbimidic acid

SMILES CC(C1=NC(C2=CC=CC(C/N=C(O)/C(C=N3)=CN=C3C4=CC=CC=N4)=C2)=NO1)(O)C

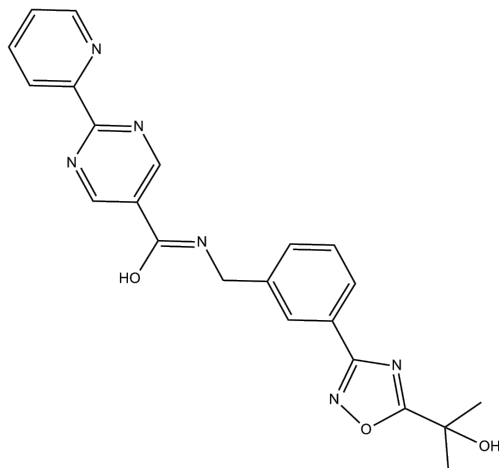
Formula $C_{22}H_{20}N_6O_3$ M.Wt 416.43

Solubility $\geq 20.6\text{mg/mL}$ in DMSO Storage Store at -20°C

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-IN-1 is a hPGDS inhibitor, with IC_{50} of 12 nM in the Fluorescence Polarization Assay or the EIA assay. IC_{50} value: 12 nM. Target: hPGDS. The detailed information please refer to WO2011044307A1 and WO2010080563A2.

References:

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

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- [1]. Vandeusen, Christopher L, et al. Phenyloxadiazole derivatives as PGD inhibitors and their preparation, pharmaceutical compositions and use in the treatment of allergic and inflammatory disorders. From PCT Int. Appl. (2011), WO 2011044307 A1 20110414.
- [2]. Hahn Chang S. Method for treating macular degeneration using syk multikinase inhibitor, an hPGDS inhibitor and a DP antagonist. From PCT Int. Appl. (2010), WO 2010080563 A2 20100715.
- [3]. Weiberth Franz J, et al. Demonstration on Pilot-Plant Scale of the Utility of 1,5,7-Triazabicyclo[4.4.0]dec-5-ene (TBD) as a Catalyst in the Efficient Amidation of an Unactivated Methyl Ester. From Organic Process Research & Development (2012), 16(12), 1967-1969.

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