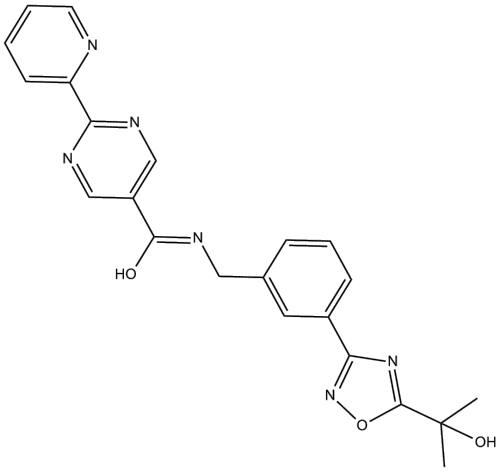
Product Data Sheet

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)pyrimidine-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	≥ 20.6mg/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 IC50 of 12 nM in the Fluorescence Polarization Assay or the EIA assay.IC50 value: 12 nMTarget: hPGDSThe detailed information please refer to WO2011044307A1 and WO2010080563A2

References:

Product Data Sheet

[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.

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