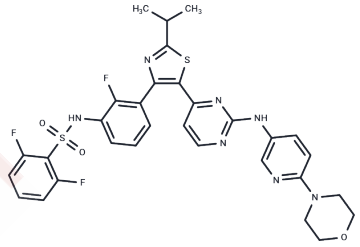
Data Sheet (Cat.No.T27454)

TargetMol

GSK2008607

Chemical Properties



CAS No. : 1244644-50-5

Formula: C31H28F3N7O3S2

Molecular Weight: 667.72

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	GSK2008607 is a potent B-RafV600E inhibitor with anticancer activity and can be used to study breast, colorectal, melanoma, thyroid, and ovarian cancers.
Targets(IC50)	Raf

Solubility Information

Solubility	DMSO: 50 mg/mL (74.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4976 mL	7.4882 mL	14.9763 mL
5 mM	0.2995 mL	1.4976 mL	2.9953 mL
10 mM	0.1498 mL	0.7488 mL	1.4976 mL
50 mM	0.030 mL	0.1498 mL	0.2995 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Adjabeng George, et al. Preparation of thiazole sulfonamide and oxazole sulfonamide kinase inhibitors for cancer treatment. WO2010104899 A1.

Stellwagen JC, et al. Development of potent B-RafV600E inhibitors containing an arylsulfonamide headgroup. Bioorg Med Chem Lett. 2011;21(15):4436-4440.

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