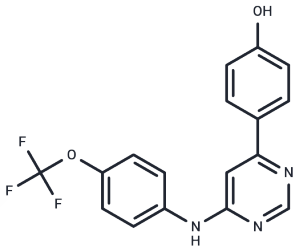
Data Sheet (Cat.No.T13832)

TargetMol

PROTAC BCR-ABL1 ligand 1

Chemical Properties



CAS No. :

Formula: C17H12F3N3O2

Molecular Weight: 347.29

Storage: Keep away from direct sunlight
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	PROTAC BCR-ABL1 ligand 1 is the ligand of PROTAC .
Targets(IC50)	Others
In vitro	GMB-475 exhibits cell proferation(IC50 values of 1.11,1.98,0.37 μM for BCR-ABL1 WT, T315I, G250E cells, respectively)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8794 mL	14.3972 mL	28.7944 mL
5 mM	0.5759 mL	2.8794 mL	5.7589 mL
10 mM	0.2879 mL	1.4397 mL	2.8794 mL
50 mM	0.0576 mL	0.2879 mL	0.5759 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

Burslem GM, et al. Targeting BCR-ABL1 in Chronic Myeloid Leukemia by PROTAC-Mediated Targeted Protein Degradation. Cancer Res. 2019 Sep 15;79(18):4744-4753.

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