

GID4 Ligand 2

Chemical Properties

CAS No. :

Formula: C₁₅H₁₆N₂

Molecular Weight: 224.3

Keep away from direct sunlight

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	GID4 Ligand 2 (compound 67) is a selective binder for GID4 with an IC ₅₀ of 18.9 μM and a K _d of 17 μM, and can be used for the synthesis of PROTACs [1].
Targets(IC ₅₀)	Others,Ligands for Target Protein for PROTAC
In vitro	GID4 Ligand 1, at a concentration of 50 μM for a 10-minute incubation period, interacts with GID4 in HEK293 cell lysates, as demonstrated by Western Blot Analysis. This interaction, observed in HEK293 cells expressing FLAG-GID4, results in a thermal stability shift of 3.8°C, indicating a direct binding between the ligand and GID4.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4583 mL	22.2916 mL	44.5831 mL
5 mM	0.8917 mL	4.4583 mL	8.9166 mL
10 mM	0.4458 mL	2.2292 mL	4.4583 mL
50 mM	0.0892 mL	0.4458 mL	0.8917 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481