

BGG463

Chemical Properties

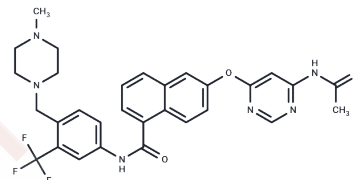
CAS No. : 890129-26-7

Formula: C₃₀H₂₉F₃N₆O₃

Molecular Weight: 578.58

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BGG463 (K 0859) can inhibit c-ABL-T334I, BCR-ABL and BCR-ABL-T315I variants with a 50% inhibitory concentration (IC ₅₀) of 0.25 μ M, 0.09 μ M and 0.590 μ M, respectively.
Targets(IC ₅₀)	Bcr-Abl,CDK

Solubility Information

Solubility	DMSO: 125 mg/mL (216.05 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7284 mL	8.6418 mL	17.2837 mL
5 mM	0.3457 mL	1.7284 mL	3.4567 mL
10 mM	0.1728 mL	0.8642 mL	1.7284 mL
50 mM	0.0346 mL	0.1728 mL	0.3457 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.

Reference

Alexander LT, et al. Type II Inhibitors Targeting CDK2. ACS Chem Biol. 2015 Sep 18;10(9):2116-25.

Jiang L, Yu Y, Li Z, et al.BMS-265246, a Cyclin-Dependent Kinase Inhibitor, Inhibits the Infection of Herpes Simplex Virus Type 1.Viruses.2023, 15(8): 1642.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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