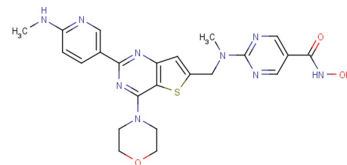


BEBT-908

Chemical Properties

CAS No.: 1235449-52-1
Formula: C₂₃H₂₅N₉O₃S
Molecular Weight: 507.57
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	BEBT-908 is a selective PI3K α inhibitor (IC ₅₀ < 0.1 μ M). PI3K α inhibitor 1 also inhibits HDAC (0.1 μ M \leq IC ₅₀ \leq 1 μ M).
Targets(IC ₅₀)	PI3K α : 0.1 μ M HDAC: 0.1 μ M

Solubility Information

Solubility	DMSO: 37 mg/mL (72.90 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.97 mL	9.851 mL	19.702 mL
5 mM	0.394 mL	1.97 mL	3.94 mL
10 mM	0.197 mL	0.985 mL	1.97 mL
50 mM	0.039 mL	0.197 mL	0.394 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Cai Xiong, et al. Deazapurines, thienopyrimidines and furopyrimidines as phosphoinositide 3-kinase inhibitors with a zinc binding moiety and their preparation and use in the treatment of diseases. From U.S. Pat. Appl. Publ. (2012), US 20120088764 A1 20120412.

Inhibitors · Natural Compounds · Compound Libraries

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