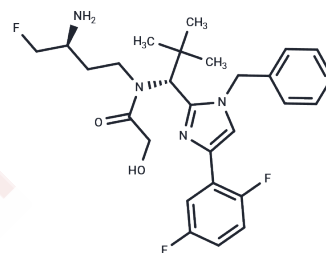


NVP-BQS481

Chemical Properties

CAS No. : 1161925-41-2
 Formula: C₂₇H₃₃F₃N₄O₂
 Molecular Weight: 502.57
 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	NVP-BQS481 (Compound 1) is a selective inhibitor of spindle motor protein 5 (Eg5), with an IC ₅₀ of less than 0.5 nM. It demonstrates significant anti-mitotic and anti-tumor activities, exhibiting an IC ₅₀ of 0.09 nM against SK-OV-3ip cells. NVP-BQS481 is suitable for use as a cytotoxic payload in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC ₅₀)	Others,Kinesin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9898 mL	9.9489 mL	19.8977 mL
5 mM	0.398 mL	1.9898 mL	3.9795 mL
10 mM	0.199 mL	0.9949 mL	1.9898 mL
50 mM	0.0398 mL	0.199 mL	0.398 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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