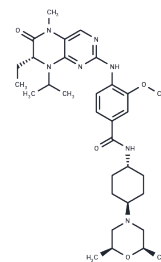


BI-4834

Chemical Properties

CAS No. : 876371-13-0
 Formula: C₃₂H₄₇N₇O₄
 Molecular Weight: 593.76
 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	BI-4834 is a potent and selective Polo-like kinase 1 (PLK1) inhibitor. BI-4834 is also analogue (or Me-Too) of BI-2536. In vitro test shows that BI 4834 inhibits PLK1 with IC ₅₀ =7.6 nm, but with higher selectivity over the related enzyme PLK3 (IC ₅₀ 198.4 nm) as BI-2536.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6842 mL	8.4209 mL	16.8418 mL
5 mM	0.3368 mL	1.6842 mL	3.3684 mL
10 mM	0.1684 mL	0.8421 mL	1.6842 mL
50 mM	0.0337 mL	0.1684 mL	0.3368 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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