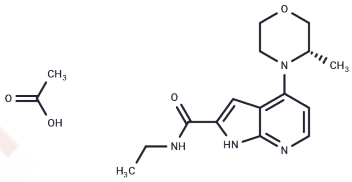
Data Sheet (Cat.No.T69776)

TargetMol

BAY-707 acetate

Chemical Properties



CAS No. : 2223023-19-4

Formula: C17H24N4O4

Molecular Weight: 348.18

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	BAY-707 is a substrate-competitive, highly potent and selective inhibitor of MTH1. Despite superior cellular target engagement and pharmacokinetic properties, inhibition of MTH1 with BAY-707 resulted in a clear lack of in vitro or in vivo anticancer efficacy either in mono- or in combination therapies.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8721 mL	14.3604 mL	28.7208 mL
5 mM	0.5744 mL	2.8721 mL	5.7442 mL
10 mM	0.2872 mL	1.436 mL	2.8721 mL
50 mM	0.0574 mL	0.2872 mL	0.5744 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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