

BAY-405

Chemical Properties

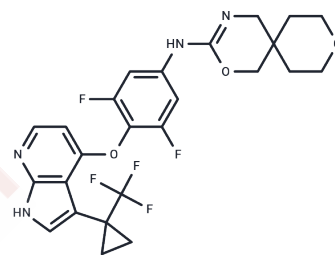
CAS No. : 2442532-66-1

Formula: C₂₅H₂₃F₅N₄O₃

Molecular Weight: 522.47

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-405 (compound 38) is an inhibitor of MAP4K1, demonstrating nanomolar potency in biochemical and cellular assays, with significant in vivo exposure following oral administration.
Targets(IC ₅₀)	MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.914 mL	9.5699 mL	19.1399 mL
5 mM	0.3828 mL	1.914 mL	3.828 mL
10 mM	0.1914 mL	0.957 mL	1.914 mL
50 mM	0.0383 mL	0.1914 mL	0.3828 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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