

GW461484A

Chemical Properties

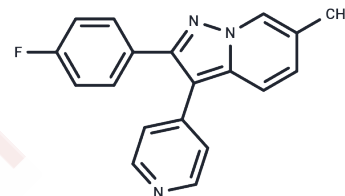
CAS No. : 401815-65-4

Formula: C₁₉H₁₄FN₃

Molecular Weight: 303.333

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	GW461484A is a small molecule inhibitor targeting Candida albicans Yck2, exhibiting an IC ₅₀ of 0.11 μM. It has a MIC ₈₀ of 12.5 μM against C. albicans. GW461484A shows potential for research into fungal diseases, including drug-resistant Candida infections.
Targets(IC ₅₀)	Casein Kinase,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2967 mL	16.4837 mL	32.9674 mL
5 mM	0.6593 mL	3.2967 mL	6.5935 mL
10 mM	0.3297 mL	1.6484 mL	3.2967 mL
50 mM	0.0659 mL	0.3297 mL	0.6593 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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