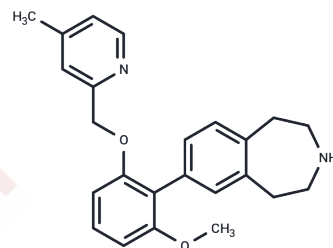


GSK2646264

Chemical Properties

CAS No. : 1398695-47-0
 Formula: C₂₄H₂₆N₂O₂
 Molecular Weight: 374.48
 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	GSK2646264 (Compound 44) is a highly effective and specific inhibitor of spleen tyrosine kinase (SYK) with a pIC ₅₀ of 7.1. It also inhibits multiple kinases, including LCK (pIC ₅₀ 5.4), LRRK2 (pIC ₅₀ 5.4), GSK3β (pIC ₅₀ 5.3), JAK2 (pIC ₅₀ 5), VEGFR2 (pIC ₅₀ 4.5), Aurora B (pIC ₅₀ <4.6), and Aurora A (pIC ₅₀ <4.3). Notably, GSK2646264 demonstrates skin penetrability, reaching both the epidermis and dermis [1].
Targets(IC50)	Others,Syk,Aurora Kinase,GSK-3,JAK,LRRK2,Src,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6704 mL	13.3518 mL	26.7037 mL
5 mM	0.5341 mL	2.6704 mL	5.3407 mL
10 mM	0.267 mL	1.3352 mL	2.6704 mL
50 mM	0.0534 mL	0.267 mL	0.5341 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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