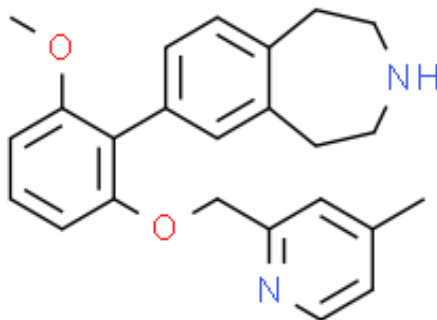


Product Data Sheet

Cas No.:	1398695-47-0	Cat. No:	PL02110
Product Name:	GSK2646264		
Product synonym:	-		
Chemical name:	GSK2646264		
MF:	C24H26N2O2	FW:	374.48
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	N1CCC2=CC(C3=C(C(OC4=NC=CC(C)=C4)C=CC=C3OC)=CC=C2CC1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

GSK2646264 (Compound 44) 是一种有效的、选择性的脾酪氨酸激酶 (SYK) 抑制剂, pIC₅₀ 值为 7.1。GSK2646264 对其他激酶也有抑制效果, 对 LCK、LRRK2、GSK3β、JAK2、VEGFR2、Aurora B 和 Aurora A 的 pIC₅₀ 分别为 5.4、5.4、5.3、5、4.5、<4.6 和 <4.3。GSK2646264 可渗透到皮肤的表皮和真皮层。

生物活性	GSK2646264 (Compound 44) is a potent and selective spleen tyrosine kinase (SYK) inhibitor with a pIC ₅₀ of 7.1. GSK2646264 also inhibits other kinases with pIC ₅₀ values of 5.4, 5.4, 5.3, 5, 4.5, <4.6 and <4.3 against LCK, LRRK2, GSK3β, JAK2, VEGFR2, Aurora B and Aurora A, respectively. GSK2646264 is penetrable into the epidermis and dermis of the skin.
IC50 & Target[1][2]	SYK 7.1 (pIC50) LCK 5.4 (pIC50)
体外研究(In Vitro)	GSK2646264 (0.01-10 μM; 1 h) significantly inhibits anti-IgE (but not C5a)-induced histamine release from skin mast cells in a concentration-dependent manner. The IC ₅₀ is 0.7 μM and the IC ₉₀ is 6.8 μM. GSK2646264 cream (0.5, 1, and 3% [wt/wt]; 1 cm; 4 and 24 h) inhibits anti-IgE-induced histamine release from mast cells in ex vivo human skin. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, protect from light In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

溶解度数据	In Vitro: DMSO : 50 mg/mL (133.52 mM; ultrasonic and warming and heat to 60°C)配制储备液
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