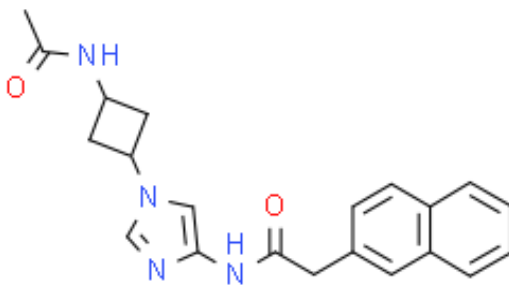


## Product Data Sheet

Cas No.:	395074-72-3	Cat. No:	PL03411
Product Name:	GSK-3/CDK5/CDK2-IN-1		
Product synonym:	-		
Chemical name:	GSK-3/CDK5/CDK2-IN-1		
MF:	C21H22N4O2	FW:	362.42498
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C(NC1CC(N2C=C(NC(=O)CC3C=CC4C(=CC=CC=4)C=3)N=C2)C1)(=O)C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

GSK-3/CDK5/CDK2-IN-1, 一种咪唑衍生物, 是 cdk5, cdk2 和 GSK-3 的抑制剂。GSK-3/CDK5/CDK2-IN-1 可用于癌症和神经退行性疾病的研究。详细信息请参考专利文献 WO2002010141A1 中的化合物 9a。

生物活性	GSK-3/CDK5/CDK2-IN-1, an imidazole derivative, is an inhibitor of cdk5, cdk2, and GSK-3 extracted from patent WO2002010141A1, example 9a. GSK-3/CDK5/CDK2-IN-1 can be used for the research of cancer, and neurodegenerative diseases.
IC50 & Target[1][2]	cdk5 cdk2 GSK-3
体外研究(In Vitro)	GSK-3/CDK5/CDK2-IN-1 inhibits the phosphorylation of cdk5 peptide substrate phosphorylation, with an IC50 of less than about 50 μM. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (275.92 mM; Need ultrasonic)配制储备液