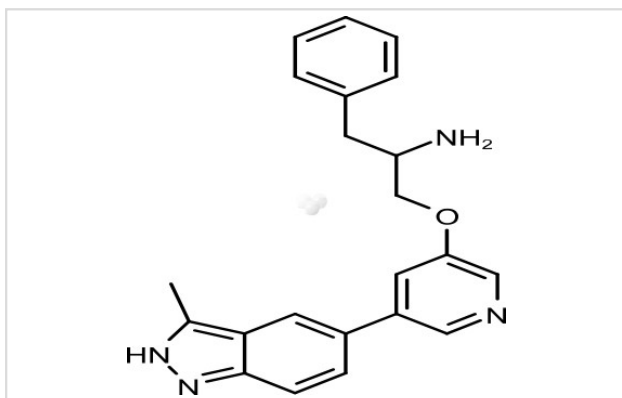


## Description

Product Name	A-674563
Brief Description	Inhibitors
Purification	/
Target Name	Akt inhibitor; CDK inhibitor; ERK inhibitor; GSK-3 inhibitor; PKA inhibitor
Calculated MW	358.44
Formulation	C22H22N4O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cancer SMILES: CC1=NNC2=C1C=C(C=C2)C1=CN=CC(OC[C@@H](N)CC2=CC=CC=C2)=C1

[r,c:4,7,9,14,24,26,28,t:1,12,22] Pathways: Cytoskeletal Signaling; PI3K/Akt/mTOR signaling; Cell Cycle/Checkpoint; GPCR/G Protein; MAPK; Stem Cells Receptor: Akt1; CDK2; ERK2; GSK-3β; PKA Boiling pt: Melting pt: Solubility: DMSO: 72 mg/mL (200.87 mM) Ethanol: 18 mg/mL (50.21 mM) Water: 72 mg/mL (200.87 mM) Appearance: Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

Note: This product is for in vitro research use only