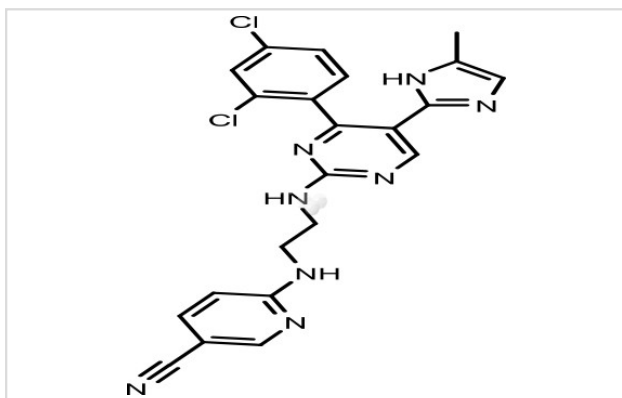


Description

Product Name	CHIR-99021
Brief Description	Inhibitors
Purification	98.00%
Target Name	GSK-3 inhibitor
Calculated MW	465.34
Formulation	C22H18Cl2N8
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
 SMILES: CC1=CN=C(N1)C1=CN=C(NCCNC2=NC=C(C=C2)C#N)N=C1C1=C(Cl)C=C(Cl)C=C1
 Pathways: PI3K/Akt/mTOR signaling; Stem Cells
 Receptor: GSK-3 α ; GSK-3 β
 Boiling pt: Melting pt: Solubility: DMSO: 78 mg/mL warmed (167.61 mM)
 Appearance: Yellow Powder
 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.

References

1. Naujok O, et al. BMC Res Notes. 2014 Apr 29;7:273.
2. Besing RC, et al. J Biol Rhythms. 2015 Apr;30(2):155-60.

Note: This product is for in vitro research use only