CHIR 99021
Catalogue Number : 2520691

Product Information

Synonyms: Chir99021, CHEMBL412142, GSK-3 Inhibitor XVI, AGN-PC-0MWAEX
Chemical Name: 6-[2-[[4-(2,4-dichlorophenyl)-5-(5-methyl-1H-imidazol-2-yl)pyrimidin-2-yl]amino]ethyl]amino]pyridine-3-carbonitrile
Molecular Formula: C_{22}H_{18}Cl_{2}N_{8}
Molecular Weight: 465.3
CAS Number: 252917-06-9
Purity: ≥95%
Applications: FA
Formulation: Crystalline solid
Storage: Product should be kept at -20°C.

Description
CHIR 99021 is an aminopyrimidine derivate that is a selective and potent inhibitor of glycogen synthase kinase 3 (GSK-3). It is used to maintain human and mouse stem cell lines and, in combination with other reagents, to chemically reprogram somatic cells into stem cells.

Preparation & Storage
Soluble in organic solvents such as DMSO. DMSO up to 100mM

References