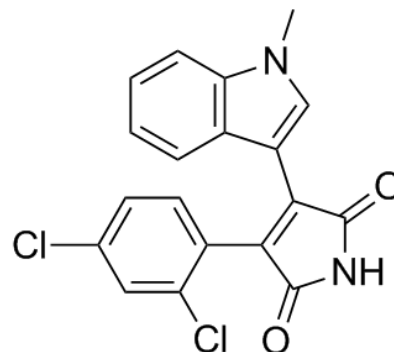


Product Name : SB 216763
Cat. No. : PC-42827
CAS No. : 280744-09-4
Molecular Formula : C₁₉H₁₂Cl₂N₂O₂
Molecular Weight : 371.2168
Target : GSK-3
Solubility : 10 mM in DMSO



Biological Activity

SB 216763 is a potent, selective, ATP competitive and cell permeable inhibitor **GSK-3** with K_i of 9 nM (GSK-3 α), equally potent for GSK-3 β .

SB 216763 displays no significant activity against a panel of 24 other protein kinases.

SB 216763 stimulates glycogen synthesis in human liver cells and induces expression of a beta-catenin-LEF/TCF regulated reporter gene in HEK293 cells, protects both central and peripheral nervous system neurones in culture from death, activates beta-catenin-mediated transcription, and enhances the survival of CLL lymphocytes.

SB 216763 displays therapeutic properties in a mouse model of pulmonary inflammation and fibrosis.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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