

SB216763

Cat. # F6200, F6201

- Also Known as:** 3-(2,4-dichlorophenyl)-4-(1-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione
- Formula:** $C_{19}H_{12}N_2O_2Cl_2$
- MW:** 371.22 Da
- CAS No.:** 280744-09-4
- Source:** Synthetic
- Form:** Lyophilized powder
- Solubility:** > 10 mg/ml in DMSO
- Concentration:** N/A
- Quality Assurance:** >98% by HPLC and NMR
- Description:** SB216763 is a potent and selective glycogen synthase kinase-3 (GSK-3) inhibitor. It competes with ATP and potently inhibits the activity α and β isozymes of GSK-3. It acts as neuroprotectant and prevents neuronal cell death induced by PI3-kinase pathway.
- Storage:** Eligible for room temperature shipping. Store at $-80^{\circ}C$ upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.
- Note:** Briefly spin the tube before removing the cap.
- Literature:** Cross DA, *et al.* (2001) J Neurochem 77:94-102.

