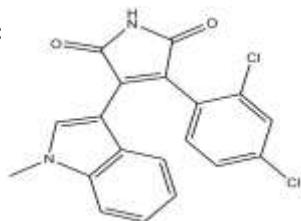


SB 216763

ALTERNATE NAME: 3-(2,4-Dichlorophenyl)-4-(1-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione
CATALOG #: 1769-1, 5
AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₂Cl₂N₂O₂
MOLECULAR WEIGHT: 371.22
CAS NUMBER: 280744-09-4
APPEARANCE: Orange solid
SOLUBILITY: DMSO (50 mM)
PURITY: ≥98% by HPLC
STORAGE: Store at -20 °C

DESCRIPTION: A potent, cell-permeable and ATP-competitive inhibitor of glycogen synthase kinase-3 (GSK-3) (K_i= 9 nM for GSK-3α). Has little activity against 24 other protein kinases (IC₅₀ > 10 μM). Stimulates glycogen synthesis, gene transcription and is neuroprotective.

REFERENCE: Coghlan, M.P., *et al.* (2000). *Chem Biol.* **7**, 793-803.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- BIO (Cat. No. 1673-1)
- CHIR99021 (Cat. No. 1677-5, 25)
- EZSolution™ CHIR99021 (Cat. No. 1748-5)
- GSK-3 Inhibitor, TWS119 (Cat. No. 1655-2)