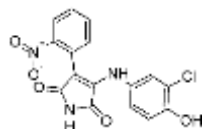


PRODUCT: SB-415286**ALTERNATE NAMES:** 3-[(3-chloro-4-hydroxyphenyl)amino]-4-(2-nitrophenyl)-1H-pyrrole-2,5-dione**CATALOG NUMBER:** B1954-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₁₀ClN₃O₅**MOLECULAR WEIGHT:** 359.73**CAS NUMBER:** 264218-23-7**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** SB-415286 is a potent, selective and ATP-competitive, glycogen synthase kinase-3 (GSK-3) inhibitor (K_i = 31 nM for GSK-3α). Displays minimal activity against 24 other protein kinases (IC₅₀ > 10 μM). Stimulates glycogen synthesis, gene transcription and is neuroprotective.**REFERENCES:** 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.**RELATED PRODUCTS:**Alsterpaullone (**Cat. No. 1897-1, 5**)1-Azakenpaullone (**Cat. No. 1944-1, 5**)BIO (**Cat. No. 1673-1**)Bisindolylmaleimide I (**Cat. No. 1945-1, 5**)Bisindolylmaleimide I hydrochloride (**Cat. No. 1947-1, 5**)Bikinin (**Cat. No. 2034-10, 50**)CHIR99021 (**Cat. No. 1677-5, 25**)EZSolution™ CHIR99021 (**Cat. No. 1748-5**)EZSolution™ CHIR99021, Sterile-Filtered (**Cat. No. 1991-1**)CHIR-98014 (**Cat. No. 2595-1, 5**)EZSolution™ CHIR-98014 (**Cat. No. 2639-1**)GSK-3 Inhibitor, TWS119 (**Cat. No. 1655-2**)IM-12 (**Cat. No. 2822-5, 25**)Kenpaullone (**Cat. No. 1904-1**)Ro 31-8220 methanesulfonate (**Cat. No. 1946-1, 5**)SB-216763 (**Cat. No. 1769-1, 5**)SB-415286 (**Cat. No. B1954-5,25**)TDZD-8 (**Cat. No. 2854-5,25**)Tideglusib (**Cat. No. 9601-5,25**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**