

PRODUCT: Tideglusib**ALTERNATE NAME:** NP-12; NP031112; 4-Benzyl-2-(naphthalen-1-yl)-[1,2,4]thiadiazolidine-3,5-dione**CATALOG #:** 9601-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₄N₂O₂S**MOLECULAR WEIGHT:** 334.39**CAS NUMBER:** 865854-05-3**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Tideglusib is a potent, irreversible, non ATP-competitive glycogen synthase kinase-3 (GSK-3) inhibitor (IC₅₀ = 60 nM).**REFERENCE:** Luna-Medina, R., *et al.* (2007). *J. Neuroscience* **27**, 5766-5776.**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**)TDZD-8 (**Cat. No. 2854-5,25**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**