

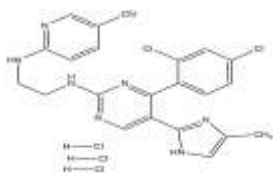
PRODUCT: CHIR99021 trihydrochloride

ALTERNATE NAME 6-((2-((4-(2,4-Dichlorophenyl)-5-(4-methyl-1H-imidazol-2-yl)pyrimidin-2-yl)amino)ethyl)amino)nicotinonitrile trihydrochloride; CT99021

CATALOG #: B1199-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₈Cl₂N₈ · 3HCl

MOLECULAR WEIGHT: 574.72

CAS NUMBER: 1782235-14-6

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~25 mg/ml) or H₂O (>5 mg/ml)

PURITY: ≥ 98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: CHIR99021 trihydrochloride is the hydrochloride salt of the potent and highly selective glycogen synthase kinase-3β (GSK-3β) inhibitor CHIR99021 (Cat. No. 1677).

REFERENCES:

1. Ying, Q.-L. *et al.* (2008). *Nature* **453**, 519.
2. Sato, N., *et al.* (2004). *Nat. Med.* **10**, 55.
3. Ring, D.B., *et al.* (2003). *Diabetes* **52**, 588.

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)
 CHIR99021 trihydrochloride (Cat. No. B1199-5,25)
 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)
 LY-2090314 (Cat. No. B1034-5,25)
 Ro 31-8220 methanesulfonate (Cat. No. 1946-1, 5)
 SB-216763 (Cat. No. 1769-1, 5)
 TDZD-8 (Cat. No. 2854-5,25)
 Tideglusib (Cat. No. 9601-5,25)

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