

CHIR-99021 (CT99021) HCl

Cat. No. CEI-0886

Lot. No. (See product label)

Introduction

Description CHIR-99021 HCl (CT99021) is hydrochloride of CHIR-99021, which is a GSK-3 α / β inhibitor with IC₅₀ of 10 nM/6.7 nM; ability to distinguish between GSK-3 and its closest homologs Cdc2 and ERK2.

Product Information

CAS No. 252917-06-9(freebase)

Molecular Formula C₂₂H₁₈Cl₂N₈.HCl

Chemical Name 6-(2-(4-(2,4-dichlorophenyl)-5-(4-methyl-1H-imidazol-2-yl)pyrimidin-2-ylamino)ethylamino)nicotinonitrile hydrochloride

Molecular Weight 501.8

Targets GSK-3 α , GSK-3 β

IC₅₀ 10 nM; 6.7 nM

Solubility DMSO 93 mg/mL; Water 8 mg/mL; Ethanol 2 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.