Creative Enzymes®

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-3α/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-3α, GSK-3β
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.