Creative Enzymes®

CHIR-99021 (CT99021)

Cat. No. CEI-1279

Lot. No. (See product label)

Introduction

Description	CHIR-99021 (CT99021) is an inhibitor of GSK-3α/β with IC50 of 10 nM/6.7 nM; > 500-fold selectivity for GSK-3 versus its closest homologs CDC2 and ERK2, as well as other protein kinases.
Synonyms	CHIR99021, CHIR-99021, CHIR 99021, CT99021,GSK-3 Inhibitor XVI

Product Information

CAS No.	252917-06-9
Molecular Formula	C22H18Cl2N8
Chemical Name	6-[2-[[4-(2,4-dichlorophenyl)-5-(5-methyl-1H-imidazol-2-yl)pyrimidin-2-yl]amino]ethylamino]pyridine-3-carbonitrile
Molecular Weight	465.34
Purity	98.23%
Targets	GSK-3
IC50	7 nM
Solubility	Soluble in DMSO

Storage and Shipping Information

Storage	Store at 4°C
Shipping Conditions	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request