

CHIR-99021 (CT99021)

Cat. No. CEI-1279

Lot. No. (See product label)

Introduction

Description CHIR-99021 (CT99021) is an inhibitor of GSK-3 α/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 0.9823

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