

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