

Datasheet for ABIN5022503
CHIR99021[Go to Product page](#)**1** Image

Overview

Quantity:	1 mg
Application:	Inhibition (Inh)

Product Details

Purpose:	GSK3 β kinase inhibitor
Purity:	≥ 98 % (HPLC)
Chemical Name:	CT99021 , 6-[[2-[[4-(2,4-Dichlorophenyl)-5-(5-methyl-1H-imidazol-2-yl)-2-pyrimidinyl]amino]ethyl]amino]-3-pyridinecarbonitrile
Formula:	C ₂₂ H ₁₈ Cl ₂ N ₈
Solubility:	Soluble to 20 mM in DMSO

Target Details

Molecular Weight:	465.3
CAS-No:	252917-06-9

Application Details

Comment:	Source: Synthetic. Appearance: White to light brown solid
Restrictions:	For Research Use only

Handling

Format: Solid

Precaution of Use: Classification: Acute toxicity, Oral (Category 2), H300 Skin irritation (Category 2), H315 Eye irritation(Category 2A), H319 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335 Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H300 Fatal if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. Precautionary statements: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well - ventilated area. P280 Wear protective gloves/ eye protection/ face protection. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell. P321 Specific treatment (see supplemental first aid instructions on this label). P330 Rinse mouth. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. P403 + P233 Store in a well - ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant.

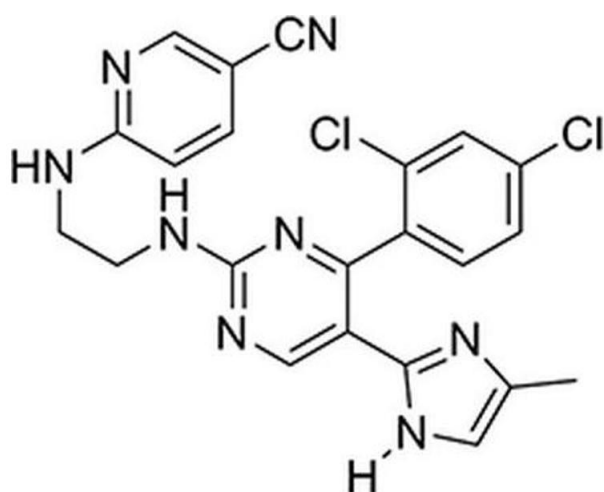
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Storage: -20 °C

Images



Molecule

Image 1. Chemical structure of CHIR99021 , a GSK3beta kinase inhibitor. CAS #: 252917-06-9. Molecular Formula: C₂₂H₁₈Cl₂N₈. Molecular Weight: 465.3 g/mol.