

CHIR99021, GSK3 inhibitor ab120890

[11 References](#) [1 图像](#)

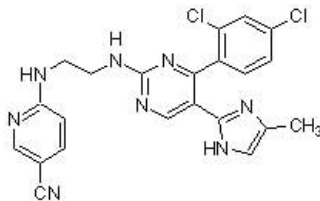
概述

产品名称	CHIR99021, GSK3抑制剂
描述	Potent, highly selective GSK3抑制剂
生物学描述	Potent, highly selective aminopyrimidine GSK3 inhibitor (IC ₅₀ values are 6.7 and 10 nM at GSK3β and GSK3α, respectively). Exhibits >500-fold selectivity for GSK3 against 20 closely related protein kinases and >800-fold selectivity for 23 additional enzymes and 22 receptors. Promotes self-renewal of mouse and human ESC due to β-catenin and c-Myc protein level stabilization. Commonly used in multiple stages of organoid generation.

纯度 > 98%

CAS编号 252917-06-9

化学结构



性能

化学名称	6-[[2-[[4-(2,4-Dichlorophenyl)-5-(5-methyl-1H-imidazol-2-yl)-2-pyrimidinyl]amino]ethyl]amino]-3-pyridinecarbonitrile
分子量	465.34
分子式	C ₂₂ H ₁₈ Cl ₂ N ₈
PubChem识别号	9956119
存放说明	Shipped at 4°C. Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM
处理	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

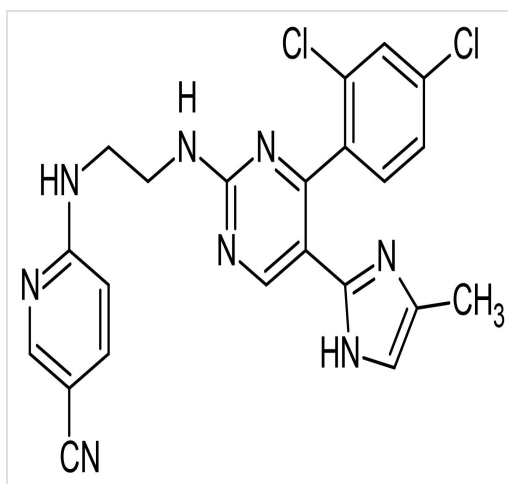
SMILES

N#CC(C=N1)=CC=C1NCCNC2=NC=C(C3=NC(C)=CN3)C(C4=CC=C(Cl)C=C4Cl)=N2

来源

Synthetic

图片



2D chemical structure image of ab120890, CHIR99021, GSK3 inhibitor

Chemical Structure - CHIR99021, GSK3 inhibitor
(ab120890)

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