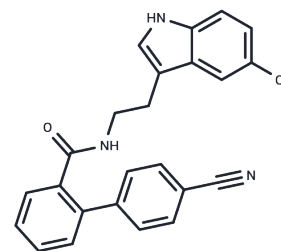


N-[2-(5-Chloro-1H-indol-3-yl)ethyl]-4'-cyanobiphenyl-2-carboxamide

Chemical Properties

CAS No. :	1383373-65-6
Formula:	C ₂₄ H ₁₈ ClN ₃ O
Molecular Weight:	399.87
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-[2-(5-Chloro-1H-indol-3-yl)ethyl]-4'-cyanobiphenyl-2-carboxamide, a TAU cytotoxicity inhibitor, inhibits LDH leakage of M17-TAU P301L cells with EC ₅₀ of 325nM.
Targets(IC ₅₀)	Microtubule Associated

Solubility Information

Solubility	DMSO: 55 mg/mL (137.54 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5008 mL	12.5041 mL	25.0081 mL
5 mM	0.5002 mL	2.5008 mL	5.0016 mL
10 mM	0.2501 mL	1.2504 mL	2.5008 mL
50 mM	0.050 mL	0.2501 mL	0.5002 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

REMYND; KATHOLIEKE UNIVERSITEIT LEUVEN - WO2012/80220, 2012, A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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