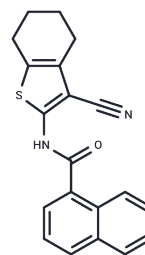


TCS JNK 5a

Chemical Properties

CAS No. :	312917-14-9
Formula:	C ₂₀ H ₁₆ N ₂ O ₂ S
Molecular Weight:	332.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	TCS JNK 5a (SC202671) is an effective, specific inhibitor of JNK3(pIC ₅₀ = 6.7), JNK2 (pIC ₅₀ =6.5).
Targets(IC ₅₀)	Apoptosis,JNK
In vivo	In human skin fibroblasts, JNK inhibitor IX was able to mediate the inhibition of the complete dephosphorylation of c-ABL on serine residues by c-Jun amino-terminal kinase, resulting in a significant decrease in caspase-3 activity.

Solubility Information

Solubility	DMSO: 3.32 mg/mL (9.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0082 mL	15.0412 mL	30.0824 mL
5 mM	0.6016 mL	3.0082 mL	6.0165 mL
10 mM	0.3008 mL	1.5041 mL	3.0082 mL
50 mM	0.0602 mL	0.3008 mL	0.6016 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

- Angell RM, et al. Bioorg Med Chem Lett. 2007, 17(5), 1296-1301.
Rudolf E, et al. Toxicol Lett. 2009, 188(3), 236-242.
Mancini M, et al. Traffic. 2009, 10(6), 637-47.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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