Data Sheet (Cat.No.T29161)



STOCK2S-26016

Chemical Propert	ies
CAS No. :	332922-63-1
Formula:	С20Н19N3O2
Molecular Weight:	333.38
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description	JC A
Description	WNK-IN-B is an inhibitor of Wnk signalling. WNK-IN-B is a cell-permeable diaminoacridine derivative that targets the CCT domain of SPAK and OSR1 via reversible binding. WNK-IN-B selectively suppress hypotonic shock-induced WNK signaling pathway activation in mpkDCT and MOVAS (100 µM) cultures without affecting p38 MAPK phosphorylation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM 🛞	2.9996 mL	14.9979 mL	29.9958 mL
5 mM	0.5999 mL	2.9996 mL	5.9992 mL
10 mM	0.300 mL	1.4998 mL	2.9996 mL
50 mM	0.060 mL	0.300 mL	0.5999 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

Mori T, Kikuchi E, Watanabe Y, Fujii S, Ishigami-Yuasa M, Kagechika H, Sohara E, Rai T, Sasaki S, Uchida S. Chemical library screening for WNK signalling inhibitors using fluorescence correlation spectroscopy. Biochem J.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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