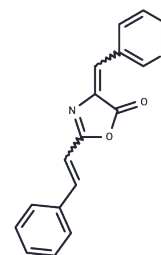


TC-DAPK 6

Chemical Properties

CAS No. :	315694-89-4
Formula:	C17H12N2O2
Molecular Weight:	276.29
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	TC-DAPK 6 is an ATP-competitive inhibitor of Death-associated protein kinase (DAPK) with IC50s of 69 and 225 nM for DAPK1 and DAPK3.
Targets(IC50)	DAPK
In vitro	TC-DAPK 6 inhibits p70S6K with IC50s of 1 μM-10 μM[1].

Solubility Information

Solubility	DMSO: 16.8 mg/mL (60.81 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6194 mL	18.0969 mL	36.1939 mL
5 mM	0.7239 mL	3.6194 mL	7.2388 mL
10 mM	0.3619 mL	1.8097 mL	3.6194 mL
50 mM	0.0724 mL	0.3619 mL	0.7239 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Okamoto M, et al. Identification of death-associated protein kinases inhibitors using structure-based virtual screening. J Med Chem. 2009 Nov 26;52(22):7323-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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