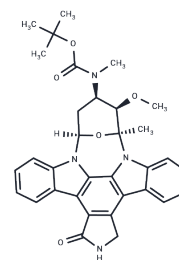


## Staurosporine-Boc

## Chemical Properties

CAS No. :	120685-17-8
Formula:	C33H34N4O5
Molecular Weight:	566.65
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	Staurosporine-Boc is a natural product isolated from the actinomycete <i>Streptomyces staurosporeus</i> and functions as a potent, non-selective protein kinase inhibitor. It can inhibit various protein kinases, including protein kinase C (PKC), tyrosine kinase, and serine/threonine kinase. Due to its broad inhibitory profile, Staurosporine-Boc is widely used as a tool compound in biological research, particularly in the study of cell signaling pathways.
Targets(IC50)	PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7648 mL	8.8238 mL	17.6476 mL
5 mM	0.353 mL	1.7648 mL	3.5295 mL
10 mM	0.1765 mL	0.8824 mL	1.7648 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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