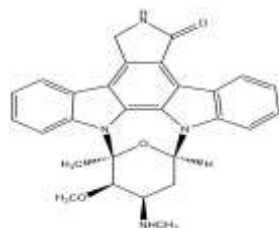


## Staurosporine

CATALOG #: 1048-01 100 µg  
1048-1 1 mg

## STRUCTURE:



CAS NUMBER: 62996-74-1

PHYSICAL APPEARANCE: Lyophilized (m.p. 81-83°C)

MOLECULAR WEIGHT: 466.5

MOLECULAR FORMULA: C<sub>28</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>

PURITY: ≥99% by TLC

SOLUBILITY: DMSO (>5 mg/ml)

STORAGE CONDITIONS: Store powder at 4°C for up to 1 year.  
Store solutions at -20°C for up to 6 months.

DESCRIPTION: Potent inhibitor of protein kinase C and most other kinases, including tyrosine kinases. Inhibits topoisomerase II directly by blocking transfer of phosphodiester bonds from DNA to active site tyrosine. Induces apoptosis in CHO cells at 1 µM.

REFERENCES:

1. Seynaeve, C.M., *et al.* (1994) *Mol. Pharmacology* 45:1207.
2. Wang, X., *et al.* (1996) *EMBO J.* 15:1012.
3. Lassota, P., *et al.* (1996) *J. Biol. Chem.* 71:26418.

## RELATED PRODUCTS:

Bisindolylmaleimide I (Cat. No. 1945-1, 5)  
Bisindolylmaleimide I hydrochloride (Cat. No. 1947-1, 5)  
Calphostin C (Cat. No. 2611-50, 100)  
Chelerythrine chloride (Cat. No. 2064-5)  
Enzastaurin (Cat. No. 1619-1, 5)  
Fasudil Mono HCl (Cat. No. 1787-10, 50)  
Go6976 (Cat. No. 1711-500)  
EZSolution™ Go6976 (Cat. No. 1785-500)  
H-89 DiHCl (Cat. No. 1768-1, 5)  
K252a (Cat. No. 2013-500, 1000)  
KN-93, Water-Soluble (Cat. No. 1909-1, 5)  
PKC412 (Cat. No. 2052-1,5)  
Ro 31-8220 methanesulfonate (Cat. No. 1946-1, 5)  
Staurosporine (Cat. No. 1048-01, 1)  
EZSolution™ Staurosporine (Cat. No. 1745-01)  
Stauprimide (Cat. No. 1743-500)  
Tamoxifen citrate (Cat. No. 1551-1000)

**FOR RESEARCH USE ONLY! Not to be used in humans.**