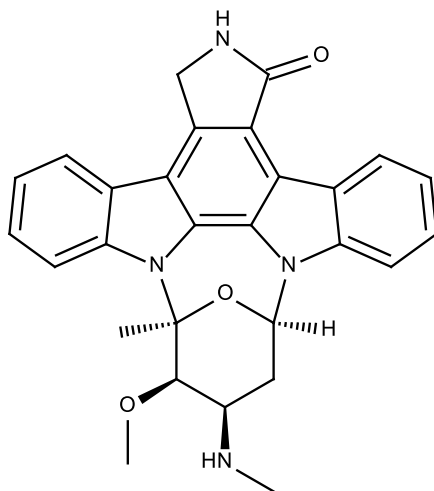


Catalog # 10-2104

Staurosporine

CAS# 62996-74-1

Lot # A102202



Staurosporine is a non-selective protein kinase inhibitor with nanomolar potency. Widely used to induce apoptosis and to study protein kinase involvement in signal transduction pathways.

- 1) Omura et al. (1977) *A new alkaloid AM-2282 of Streptomyces origin taxonomy, fermentation, isolation and preliminary characterization* J. Antibiot. **30** 275
- 2) Rüegg and Burgess (1989) *Staurosporine, K-252 and UCN-01: potent but nonspecific inhibitors of protein kinases*. Trends in Pharmacological Science **10** 218

PHYSICAL DATA

Molecular Weight:	466.53
Molecular Formula:	C ₂₈ H ₂₆ N ₄ O ₃
Purity:	>98%
Solubility:	DMSO (25 mg/ml)
Physical Description:	Off-white to pale yellow solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Store solutions at -20°C for up to 4 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.