

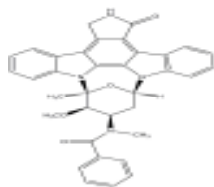
PKC 412

ALTERNATE NAME: 4'-N-Benzoyl Staurosporine; CGP-41251; Midostaurin

CATALOG #: 2052-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₅H₃₀N₄O₄

MOLECULAR WEIGHT: 570.64

CAS NUMBER: 120685-11-2

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 10 mg/ml)

PURITY: ≥99% by HPLC

STORAGE: Store at -20 °C. Protect from light

DESCRIPTION: Cell-permeable. A derivative of Staurosporine (Cat. No. 1048) that inhibits a variety of serine/threonine and tyrosine kinases including protein kinase C (PKC) (IC₅₀ = 50 nM), cyclic AMP-dependent protein kinase (PKA) (IC₅₀ = 2.4 μM), S6 kinase (IC₅₀ = 5.0 μM), and EGFR (IC₅₀ = 3.0 μM). PKC412 reverses the efflux function of the multidrug resistance (MDR)-1 gene product, P-glycoprotein (P-gp).

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Fasudil MonoHCl (Cat. No. 1787-10, 50)
- H-89 DiHCl (Cat. No. 1768-1, 5)
- KN-93, Water-Soluble (Cat. No. 1909-1, 5)
- Staurosporine (Cat. No. 1048-01, 1)
- EZSolution™ Staurosporine (Cat. No. 1745-01)
- Stauprimide (Cat. No. 1743-500)