

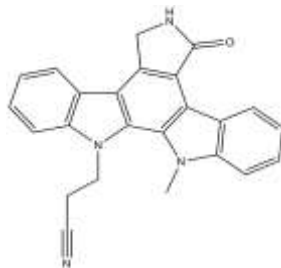
GÖ 6976

ALTERNATE NAME: 5,6,7,13-Tetrahydro-13-methyl-5-oxo-12H-indolo[2,3-a]pyrrolo[3,4-c]carbazole-12-propanenitrile; Go6976; PD 406976

CATALOG #: 1711-500

AMOUNT: 500 µg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₁₈N₄O

MOLECULAR WEIGHT: 378.43

CAS NUMBER: 136194-77-9

APPEARANCE: Off-white to yellow solid

SOLUBILITY: DMSO

PURITY: ≥99% by HPLC

STORAGE: Store at -20°C.

DESCRIPTION: Cell-permeable. A potent protein kinase C (PKC) inhibitor (IC₅₀ = 7.9 nM). *In vitro*, discriminates between Ca²⁺-dependent and -independent isoforms of PKC; selectively inhibits PKCα and PKCβ 1 (IC₅₀ values are 2.3 and 6.2 nM respectively) but does not inhibit the activity of PKCδ, -ε, or -ζ (IC₅₀ > 3µM).

REFERENCES: Kleinschroth, J., *et al.* (1993). *Bioorg. Med. Chem.* **3**, 1959-1964; Martiny-Baron, G., *et al.* (1993). *J. Biol. Chem.* **268**, 9194-9197.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Enzastaurin (LY317615) (Cat. No. 1619-1,5)
- Staurosporine (Cat. No. 1048-010, 1)
- Tamoxifen Citrate (Cat. No. 1551-1000)