

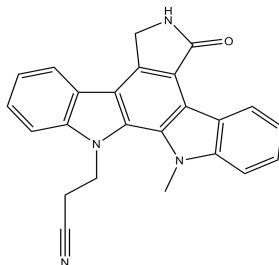
## GÖ 6976

**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:** C<sub>24</sub>H<sub>18</sub>N<sub>4</sub>O

**MOLECULAR WEIGHT:** 378.43

**CAS NUMBER:** 136194-77-9

**APPEARANCE:** Off-white to yellow solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C.

**DESCRIPTION:** Cell-permeable. A potent protein kinase C (PKC) inhibitor (IC<sub>50</sub> = 7.9 nM). *In vitro*, discriminates between Ca<sup>2+</sup>-dependent and -independent isoforms of PKC; selectively inhibits PKCα and PKCβ 1 (IC<sub>50</sub> values are 2.3 and 6.2 nM respectively) but does not inhibit the activity of PKCδ, -ε, or -ζ (IC<sub>50</sub> > 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.

### RELATED PRODUCTS:

Bisindolylmaleimide I (Cat. No. 1945-1, 5)  
 Bisindolylmaleimide I hydrochloride (Cat. No. 1947-1, 5)  
 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 on humans.**