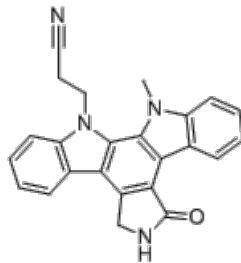


Product Name	: Go 6976
Synonyms	: Go-6976;Go6976
Cat No.	: M11490
CAS Number	: 136194-77-9
Molecular Formula	: C ₂₄ H ₁₈ N ₄ O
Formula Weight	: 378.43
Chemical Name	: 5,6,7,13-Tetrahydro-13-methyl-5-oxo-12H-indolo[2,3-a]pyrrolo[3,4-c]carbazole-12-propanenitrile
Description	: A potent, selective protein kinase C (PKC) inhibitor that selectively inhibits PKC α and PKC β 1 with IC ₅₀ of 2.3 and 6.2 nM, respectively; shows no effect on the kinase activity of PKC δ , - ϵ and - ζ (IC ₅₀ >3 μ M); also inhibits JAK2, FLT3 and mutant FLT3 with significant activity in primary acute myeloid leukaemia cells; inhibits HIV-1 proviral induction from latent/low-level-producing infectious states, inhibits signalling, survival and proliferation in cells expressing the leukaemia-associated TEL-JAK2 fusion protein and the MPD-associated JAK2 V617F mutant. HIV Infection Discontinued
Pathway	: Angiogenesis
Target	: PKC
Receptor	: PKC
Solubility	: —
SMILES	: N#CCCN(C1=C2C(CNC3=O)=C3C4=C1N(C)C5=C4C=CC=C5)C6=C2C=CC=C6
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Martiny-Baron G, et al. J Biol Chem. 1993 May 5;268(13):9194-7. | 2. Qatsha KA, et al. Proc Natl Acad Sci U S A. 1993 May 15;90(10):4674-8. | 3. Ptzold S, et al. Antiviral Res. 1993 Dec;22(4):273-83. | 4. Grandage VL, et al. Br J Haematol. 2006 Nov;135(3):303-16.