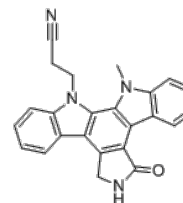


Product Name : Go 6976
Cat. No. : PC-60684
CAS No. : 136194-77-9
Molecular Formula : C₂₄H₁₈N₄O
Molecular Weight : 378.43
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

Go 6976 is a potent, selective protein kinase C (**PKC**) inhibitor that selectively inhibits PKC α and PKC β 1 with IC₅₀ of 2.3 and 6.2 nM, respectively.

Go 6976 shows no effect on the kinase activity of PKC δ , - ϵ and - ζ (IC₅₀>3 μ M).

Go 6976 also inhibits JAK2, FLT3 and mutant FLT3 with significant activity in primary acute myeloid leukaemia cells.

Go 6976 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.

References

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Grandage VL, et al. *Br J Haematol*. 2006 Nov;135(3):303-16.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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