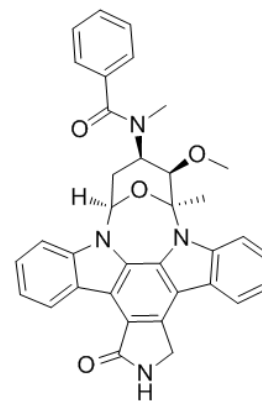


Product Name : PKC412
Cat. No. : PC-42473
CAS No. : 120685-11-2
Molecular Formula : C₃₅H₃₀N₄O₄
Molecular Weight : 570.6371
Target : PKC
Solubility : DMSO: ≥ 21 mg/mL
4. Begemann M, et al. Clin Cancer Res. 1996 Jun;2(6):1017-30.



Biological Activity

A potent, selective PKC inhibitor with IC₅₀ of 50 nM; displays a high degree of selectivity over PKA (IC₅₀=2.4 μM), S6 kinase (IC₅₀=5.0 μM) and EGFR (IC₅₀=3.0 μM) compared with Staurosporine; inhibits human brain tumors cells (mean IC₅₀=0.4 μM), displays antitumor activity in vivo.

Blood Cancer
Phase 3 Clinical

References

- Meyer T, et al. Int J Cancer. 1989 May 15;43(5):851-6.
Krause KH, et al. Eur J Pharmacol. 1992 Oct 1;227(2):221-4.
Amon U, et al. Pharmacology. 1993 Sep;47(3):200-8.

