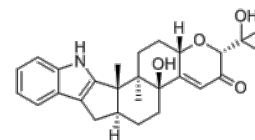


Product Name : Paxilline
Cat. No. : PC-70220
CAS No. : 57186-25-1
Molecular Formula : C₂₇H₃₃NO₄
Molecular Weight : 435.56
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

Paxilline is a potent blocker of high-conductance Ca²⁺-activated K⁺ (**BKCa**, KCa1.1) channels that binds to the α -subunit of BKCa with K_i of 1.9 nM.

Paxilline also enhances TRAIL-mediated apoptosis of glioma cells via modulation of c-FLIP, survivin and DR5.

References

Kang YJ, et al. *Exp Mol Med*. 2011 Jan 31;43(1):24-34.

Sanchez M, et al. *Neuropharmacology*. 1996;35(7):963-8.

Zhou Y, et al. *J Gen Physiol*. 2014 Nov;144(5):415-40.

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

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