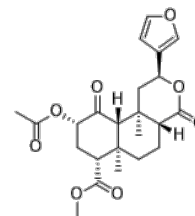


Product Name : Salvinorin A
Cat. No. : PC-26942
CAS No. : 83729-01-5
Molecular Formula : C₂₃H₂₈O₈
Molecular Weight : 432.47
Target : Opioid Receptor
Solubility : 10 mM in DMSO



Biological Activity

Salvinorin A is a potent, selective and high efficacy kappa-opioid receptor (KOR) agonist with K_i value of 4.3 nM. Salvinorin A is a neoclerodane diterpene and active component of *S. divinorum*. Salvinorin A has short lasting effects in vivo and limited oral bioavailability, probably due to acetate metabolism. Salvinorin A profoundly alters consciousness and perception in vivo.

References

- Butelman ER, et al. *Front Pharmacol.* 2015 Sep 8;6:190.
John TF, et al. *Eur J Pharmacol.* 2006 Sep 18;545(2-3):129-33.
Béguin C, et al. *J Pharmacol Exp Ther.* 2008 Jan;324(1):188-95.
Munro TA, et al. *J Med Chem.* 2005 Jan 27;48(2):345-8.

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

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