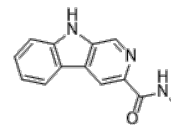


Product Name : FG-7142
Cat. No. : PC-28085
CAS No. : 78538-74-6
Molecular Formula : C₁₃H₁₁N₃O
Molecular Weight : 225.25
Target : GABA Receptor
Solubility : 10 mM in DMSO



Biological Activity

FG-7142 (FG 7142, ZK 39106, LSU-65) is an anxiogenic **benzodiazepine inverse agonist** / antagonist, has high affinity for $\alpha 1$ subunit-containing **GABAA receptor** with K_i of 91 nM, also modulates GABA-induced chloride flux at GABAA receptors expressing the $\alpha 1$ subunit with EC_{50} of 137 nM.

References

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Rossier J, et al. *Lancet.* 1983 Jan 1;1(8314-5):77-8.
Ongini E, et al. *Eur J Pharmacol.* 1983 Nov 11;95(1-2):125-9.
Cottone P, et al. *Neuropsychopharmacology.* 2007 May;32(5):1069-81.

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

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