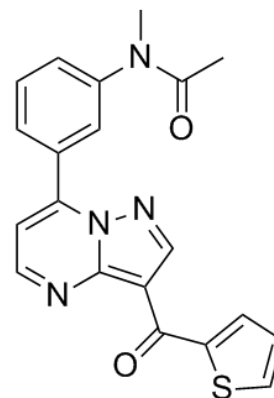


Product Name : Indiplon
Cat. No. : PC-45592
CAS No. : 325715-02-4
Molecular Formula : C₂₀H₁₆N₄O₂S
Molecular Weight : 376.4316
Target : GABA Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent GABA_A receptor positive allosteric modulator that acts at the benzodiazepine site (K_i values are 1.2 and 1.7 nM in rat frontal cortex and cerebellum respectively); potentiates the GABA-activated chloride current in recombinant GABA(A) receptors in a dose-dependent and reversible manner in 293 cells, 10-fold selective for α1 subunit-containing receptors over GABA(A) receptors containing α2, α3, or α5 subunits.

Sleep Disorder
Phase 3 Clinical

References

- Lankford A. Neuropsychiatr Dis Treat. 2007 Dec;3(6):765-73.
Marrs JC. Ann Pharmacother. 2008 Jul;42(7):1070-9.
Petroski RE, et al. J Pharmacol Exp Ther. 2006 Apr;317(1):369-77.

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

E-mail: tech@probechem.com