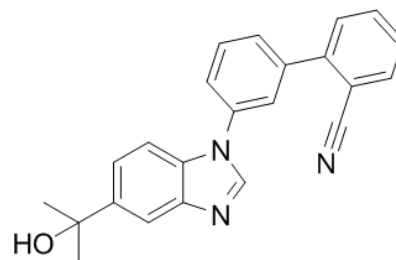


Product Name : NS11394
Cat. No. : PC-42797
CAS No. : 951650-22-9
Molecular Formula : C₂₃H₁₉N₃O
Molecular Weight : 353.4165
Target : GABA Receptor
Solubility : DMSO: ≥ 43 mg/mL
4. Spröte C, et al. Eur J Pharmacol. 2016 Nov 15;791:655-658.



Biological Activity

A potent, subtype-selective, orally available GABAA receptor positive modulator with K_i of 0.4, 0.8, 0.5 and 0.1 nM for $\alpha 1$, $\alpha 2$, $\alpha 3$ and $\alpha 5$ subunits together with $\beta 3\gamma 2$; displays 600 to 2000-fold over GABAA- $\alpha 4$ or GABAA- $\alpha 6$ containing receptors; exhibits in vivo anxiolytic efficacy, attenuates spontaneous nociceptive behaviors in response to hindpaw injection of formalin and capsaicin in rats.

References

- Mirza NR, et al. J Pharmacol Exp Ther. 2008 Dec;327(3):954-68.
Munro G, et al. J Pharmacol Exp Ther. 2008 Dec;327(3):969-81.
Munro G, et al. Neuropharmacology. 2011 Jul-Aug;61(1-2):121-32.

