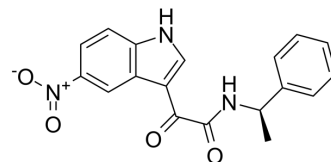


Anxiolytic/nonsedative agent-1

Cat. No.:	HY-103521
CAS No.:	355022-97-8
Molecular Formula:	C ₁₈ H ₁₅ N ₃ O ₄
Molecular Weight:	337.33
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anxiolytic/nonsedative agent-1 (compound 2b) is a potent and selective GABA_A agonist. Anxiolytic/nonsedative agent-1 shows appreciable affinity for the BzR in bovine brain membranes with K_is of 14, 121, 239 nM for α1β2γ2, α2β2γ2, α5β3γ2, respectively. Anxiolytic/nonsedative agent-1 shows α2 selective efficacy in vitro and anxiolytic effects in vivo^[1].

REFERENCES

[1]. Taliani S, et al. Identification of anxiolytic/nonsedative agents among indol-3-ylglyoxylamides acting as functionally selective agonists at the gamma-aminobutyric acid-A (GABA_A) alpha2 benzodiazepine receptor. *J Med Chem.* 2009 Jun 25;52(12):3723-34.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA