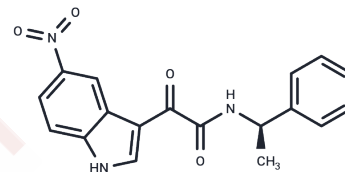


## Anxiolytic/nonsedative agent-1

## Chemical Properties

CAS No. :	355022-97-8
Formula:	C <sub>18</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	337.33
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Anxiolytic/nonsedative agent-1 (TCS 1205) is a potent and selective GABA <sub>A</sub> agonist. Anxiolytic/nonsedative agent-1 shows appreciable affinity for the BzR in bovine brain membranes with K <sub>i</sub> s of 14, 121, 239 nM for $\alpha$ 1 $\beta$ 2 $\gamma$ 2, $\alpha$ 2 $\beta$ 2 $\gamma$ 2, $\alpha$ 5 $\beta$ 3 $\gamma$ 2, respectively. Anxiolytic/nonsedative agent-1 shows $\alpha$ 2 selective efficacy in vitro and anxiolytic effects in vivo.
Targets(IC <sub>50</sub> )	GABA Receptor

## Solubility Information

Solubility	DMSO: 1 mg/mL (2.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9645 mL	14.8223 mL	29.6446 mL
5 mM	0.5929 mL	2.9645 mL	5.9289 mL
10 mM	0.2964 mL	1.4822 mL	2.9645 mL
50 mM	0.0593 mL	0.2964 mL	0.5929 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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<sub>A</sub>) alpha2 benzodiazepine receptor. J Med Chem. 2009 Jun 25;52(12):3723-34.

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