

PZ-II-029

Chemical Properties

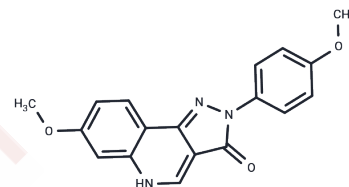
CAS No. : 164025-44-9

Formula: C₁₈H₁₅N₃O₃

Molecular Weight: 321.33

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	PZ-II-029 is a modulator of $\alpha 6\beta 3\gamma 2$ -selective GABAA channel.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (155.6 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	3.1121 mL	15.5603 mL	31.1207 mL
5 mM	0.6224 mL	3.1121 mL	6.2241 mL
10 mM	0.3112 mL	1.556 mL	3.1121 mL
50 mM	0.0622 mL	0.3112 mL	0.6224 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

Varagic et al (2013) Subtype selectivity of $\alpha + \beta$ - site ligands of GABAA receptors: identification of the first highly specific positive modulators at $\alpha 6\beta 2/3\gamma 2$ receptors. Br.J.Pharmacol. 169 384 PMID: 23472935

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