
Product Data Sheet

Product Name: PZ-II-029

Cat. No.: GC50375

Chemical Properties

Cas. No. 164025-44-9

SMILES O=C1C2=CNC3=CC(OC)=CC=C3C2=NN1C(C=C4)=CC=C4OCFormula $C_{18}H_{15}N_3O_3$ M.Wt 321.33

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

GABAA positive allosteric modulator. Selectively binds with high affinity to $\alpha 6\beta 3\gamma 2$ subunit-containing channels. Inhibits central and peripheral trigeminal responses in a rat migraine model.

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 | Fan et al (2018) The $\alpha 6$ subunit-containing GABAA receptor: A novel drug target for inhibition of trigeminal activation. Neuropharmacology. 140 1 PMID:30016665

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

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