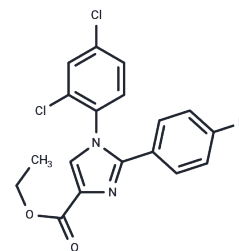


TG41

Chemical Properties

CAS No. : 850339-33-2
 Formula: C₁₈H₁₃BrCl₂N₂O₂
 Molecular Weight: 440.12
 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	TG41 is a GABAA receptors positive modulator.
Targets(IC50)	Others,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2721 mL	11.3605 mL	22.7211 mL
5 mM	0.4544 mL	2.2721 mL	4.5442 mL
10 mM	0.2272 mL	1.1361 mL	2.2721 mL
50 mM	0.0454 mL	0.2272 mL	0.4544 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

- Abdullah JM, Zhang J. The GABA A receptor subunits heterologously expressed in Xenopus oocytes. Mini Rev Med Chem. 2013 Apr 1;13(5):744-8. Review. PubMed PMID: 23373649.
- Mascia MP, Asproni B, Busonero F, Talani G, Maciocco E, Pau A, Cerri R, Sanna E, Biggio G. Ethyl 2-(4-bromophenyl)-1-(2,4-dichlorophenyl)-1H-4-imidazolecarboxylate is a novel positive modulator of GABAA receptors. Eur J Pharmacol. 2005 Jun 15;516(3):204-11. PubMed PMID: 15967425.

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