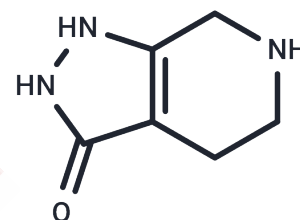


Aza-THIP

Chemical Properties

CAS No. :	654666-65-6
Formula:	C ₆ H ₉ N ₃ O
Molecular Weight:	139.16
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Aza-THIP is a GABA-C-selective antagonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.186 mL	35.9299 mL	71.8597 mL
5 mM	1.4372 mL	7.186 mL	14.3719 mL
10 mM	0.7186 mL	3.593 mL	7.186 mL
50 mM	0.1437 mL	0.7186 mL	1.4372 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

- Valembois S, Krall J, Frølund B, Steffansen B. Imidazole-4-acetic acid, a new lead structure for interaction with the taurine transporter in outer blood-retinal barrier cells. *Eur J Pharm Sci.* 2017 May 30;103:77-84. doi: 10.1016/j.ejps.2017.02.041. Epub 2017 Mar 1. PubMed PMID: 28259832.
- Johnston GA, Chebib M, Hanrahan JR, Mewett KN. Neurochemicals for the investigation of GABA(C) receptors. *Neurochem Res.* 2010 Dec;35(12):1970-7. doi: 10.1007/s11064-010-0271-7. Epub 2010 Oct 21. Review. PubMed PMID: 20963487.
- Krehan D, Frølund B, Ebert B, Nielsen B, Krogsgaard-Larsen P, Johnston GA, Chebib M. Aza-THIP and related analogues of THIP as GABA C antagonists. *Bioorg Med Chem.* 2003 Nov 17;11(23):4891-6. PubMed PMID: 14604650.
- Johnston GA, Chebib M, Hanrahan JR, Mewett KN. GABA(C) receptors as drug targets. *Curr Drug Targets CNS Neurol Disord.* 2003 Aug;2(4):260-8. Review. PubMed PMID: 12871036.

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