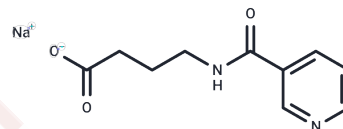


Pikamilone Sodium

Chemical Properties

CAS No. :	62936-56-5
Formula:	C10H11N2NaO3
Molecular Weight:	230.2
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	Pikamilone Sodium is a prodrug of GABA used for therapy of neurogenic bladder in spinal and benign prostatic hyperplasia.
Targets(IC50)	Others,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.344 mL	21.7202 mL	43.4405 mL
5 mM	0.8688 mL	4.344 mL	8.6881 mL
10 mM	0.4344 mL	2.172 mL	4.344 mL
50 mM	0.0869 mL	0.4344 mL	0.8688 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

- Karaev AL, Kovler MA, Avakumov VM, Kopelevich VM, Bulanova LN. [Antihypoxic properties of GABA-containing vitamin derivatives]. Farmakol Toksikol. 1989 Jan-Feb;52(1):56-8. Russian. PubMed PMID: 2707423.
- Mirzoian RS, Gan'shina TS. [The new cerebrovascular preparation pikamilon]. Farmakol Toksikol. 1989 Jan-Feb;52(1):23-6. Russian. PubMed PMID: 2707413.
- Voronina TA, Garibova TL, Khromova IV, Tilekeeva UM. [Dissociation of the anti-amnesic and antihypoxic effects of nootropic and antihypoxic preparations]. Farmakol Toksikol. 1987 May-Jun;50(3):21-4. Russian. PubMed PMID: 3609269.
- Burov IuV, Orekhov SN, Iukhananov Rlu, Vedernikova NN. [Role of benzodiazepine receptors in realizing the anxiolytic effect of compounds on intact rats and on animals with a physical dependence ethanol]. Biull Eksp Biol Med. 1986 Feb;101(2):170-2. Russian. PubMed PMID: 2868765.

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