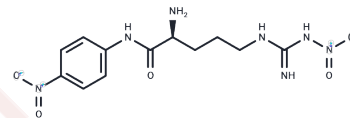


N(G)-Nitroarginine-4-nitroanilide

Chemical Properties

CAS No. :	85697-89-8
Formula:	C ₁₂ H ₁₇ N ₇ O ₅
Molecular Weight:	339.31
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	N(G)-Nitroarginine-4-nitroanilide is an anti-nociceptive in mice.
Targets(IC50)	Others,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9472 mL	14.7358 mL	29.4716 mL
5 mM	0.5894 mL	2.9472 mL	5.8943 mL
10 mM	0.2947 mL	1.4736 mL	2.9472 mL
50 mM	0.0589 mL	0.2947 mL	0.5894 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

- Babbedge RC, Wallace P, Gaffen ZA, Hart SL, Moore PK. L-NG-nitro arginine p-nitroanilide (L-NAPNA) is anti-nociceptive in the mouse. *Neuroreport*. 1993 Mar;4(3):307-10. PubMed PMID: 7682856.
- Rivot JP, Barraud J, Montécot C, Jost B, Besson JM. Nitric oxide (NO): in vivo electrochemical monitoring in the dorsal horn of the spinal cord of the rat. *Brain Res*. 1997 Oct 31;773(1-2):66-75. PubMed PMID: 9409706.
- Vroom MB, Pfaffendorf M, van Wezel HB, van Zwieten PA. Effect of phosphodiesterase inhibitors on human arteries in vitro. *Br J Anaesth*. 1996 Jan;76(1):122-9. PubMed PMID: 8672353.
- Rice AS. Topical spinal administration of a nitric oxide synthase inhibitor prevents the hyper-reflexia associated with a rat model of persistent visceral pain. *Neurosci Lett*. 1995 Mar 3;187(2):111-4. PubMed PMID: 7540269.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481