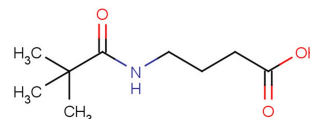


Pivagabine

Chemical Properties

CAS No.:	69542-93-4
Formula:	C ₉ H ₁₇ NO ₃
Molecular Weight:	187.24
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Pivagabine is a derivative of hydrophobic 4-aminobutyric acid, with neuromodulatory activity.
Targets(IC ₅₀)	Others: None
In vivo	on CRF concentration in both brain regions,Pivagabine prevents the effects of foot-shock stress [2].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.341 mL	26.704 mL	53.407 mL
5 mM	1.068 mL	5.341 mL	10.681 mL
10 mM	0.534 mL	2.67 mL	5.341 mL
50 mM	0.107 mL	0.534 mL	1.068 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Esposito G, et al. Pivagabine: a novel psychoactive drug. *Arzneimittelforschung*. 1997 Nov;47(11A):1306-9.
- Serra M, et al. Antagonism by pivagabine of stress-induced changes in GABAA receptor function and corticotropin-releasing factor concentrations in rat brain. *Psychoneuroendocrinology*. 1999 Apr;24(3):269-84.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481