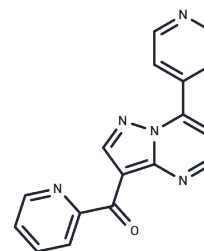


Ocinaplon

Chemical Properties

CAS No. :	96604-21-6
Formula:	C ₁₇ H ₁₁ N ₅ O
Molecular Weight:	301.3
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	Ocinaplon (DOV 273547) is a modulator of GABAA receptors.
Targets(IC50)	GABA Receptor
In vivo	In rats, ocinaplon produces significant muscle relaxation, ataxia, and sedation only at doses >25-fold higher than the minimum effective dose (3.1 mg/kg) in the Vogel "conflict" test[2].

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.319 mL	16.5948 mL	33.1895 mL
5 mM	0.6638 mL	3.319 mL	6.6379 mL
10 mM	0.3319 mL	1.6595 mL	3.319 mL
50 mM	0.0664 mL	0.3319 mL	0.6638 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

Christiaan H Vinkers, et al. Discriminative Stimulus Properties of GABAA Receptor Positive Allosteric Modulators TPA023, Ocinaplon and NG2-73 in Rats Trained to Discriminate Chlordiazepoxide or Zolpidem. Eur J Pharmacol. 2011 Oct 1;668(1-2):190-3.

Lippa A, et al. Selective anxiolysis produced by ocinaplon, a GABA(A) receptor modulator. Proc Natl Acad Sci U S A. 2005 May 17;102(20):7380-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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