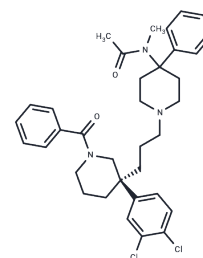


## Osanetant

## Chemical Properties

CAS No. :	160492-56-8
Formula:	C <sub>35</sub> H <sub>41</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	606.62
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	Osanetant produces anxiolytic- and antidepressant-like effects. Osanetant is a selective NK3 receptor antagonist. It is researched for schizophrenia.
Targets(IC50)	Others, Neurokinin receptor
In vivo	Osanetant (i.p.; 5 and 10 mg/kg; 30 min before testing) reduces immobility time. Osanetant (SR142801; p.o.; 1-10 mg/kg; 60 min before testing) obviously enhances social interaction time [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6485 mL	8.2424 mL	16.4848 mL
5 mM	0.3297 mL	1.6485 mL	3.297 mL
10 mM	0.1648 mL	0.8242 mL	1.6485 mL
50 mM	0.033 mL	0.1648 mL	0.3297 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

Salomé N, et al. Selective blockade of NK2 or NK3 receptors produces anxiolytic- and antidepressant-like effects in gerbils. *Pharmacol Biochem Behav.* 2006 Apr;83(4):533-9.

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