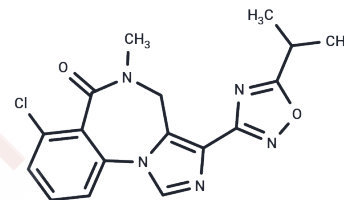


L 663581

## Chemical Properties

CAS No. : 122384-14-9  
 Formula: C<sub>17</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 357.79  
 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	L 663581 is the benzodiazepine receptor partial agonist.
Targets(IC50)	Others,GABA Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7949 mL	13.9747 mL	27.9494 mL
5 mM	0.559 mL	2.7949 mL	5.5899 mL
10 mM	0.2795 mL	1.3975 mL	2.7949 mL
50 mM	0.0559 mL	0.2795 mL	0.559 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

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- Hadingham KL, Wafford KA, Thompson SA, Palmer KJ, Whiting PJ. Expression and pharmacology of human GABAA receptors containing gamma 3 subunits. *Eur J Pharmacol.* 1995 Nov 30;291(3):301-9. PubMed PMID: 8719414.
- Jackson A. State-dependent effects of atypical benzodiazepine-receptor agonists. *Psychopharmacology (Berl).* 1995 Jun;119(4):399-404. PubMed PMID: 7480519.
- Lin JH, Chen IW, Lin TH. Blood-brain barrier permeability and in vivo activity of partial agonists of benzodiazepine receptor: a study of L-663,581 and its metabolites in rats. *J Pharmacol Exp Ther.* 1994 Dec;271(3):1197-202. PubMed PMID: 7996426.

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