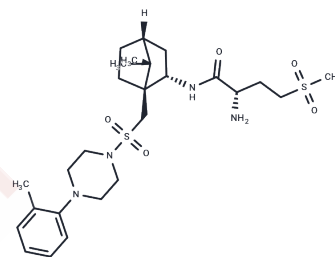


L-368899 free base

## Chemical Properties

CAS No. : 148927-60-0  
 Formula: C<sub>26</sub>H<sub>42</sub>N<sub>4</sub>O<sub>5</sub>S<sub>2</sub>  
 Molecular Weight: 554.77  
 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-368899 is a non-peptide and orally active antagonist of oxytocin receptor (IC <sub>50</sub> : 8.9 nM). It displays 40-fold selectivity over vasopressin V1a and V2 receptors (IC <sub>50</sub> : 370 and 570 nM respectively).
Targets(IC <sub>50</sub> )	Others, Oxytocin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8025 mL	9.0127 mL	18.0255 mL
5 mM	0.3605 mL	1.8025 mL	3.6051 mL
10 mM	0.1803 mL	0.9013 mL	1.8025 mL
50 mM	0.0361 mL	0.1803 mL	0.3605 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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- Kotani M, Shimono K, Yoneyama T, Nakako T, Matsumoto K, Ogi Y, Konoike N, Nakamura K, Ikeda K. An eye tracking system for monitoring face scanning patterns reveals the enhancing effect of oxytocin on eye contact in common marmosets. *Psychoneuroendocrinology*. 2017 Sep;83:42-48. doi: 10.1016/j.psyneuen.2017.05.009. Epub 2017 May 10. PubMed PMID: 28586711.
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