



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

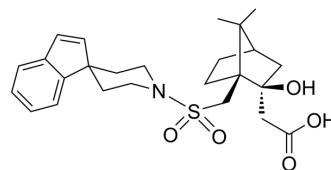
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

L 366509

Cat. No.:	HY-15007
CAS No.:	138382-23-7
Molecular Formula:	C ₂₅ H ₃₃ NO ₅ S
Molecular Weight:	459.6
Target:	Oxytocin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

L 366509 is a spiroindenyloxytocin (OT) antagonist. Modifications led to a new series of o-tolylpiperazine (TP) camphorsulfonamides, exhibiting high affinity for OT receptors and selectivity over arginine vasopressin receptors. Notably, compound 7 (L-368,899) showed excellent OT receptor affinity, potency in inhibiting OT-stimulated uterine contractions, good aqueous solubility, and oral bioavailability in multiple species. Compound 7 has entered clinical testing as an oral and intravenous tocolytic agent. Molecular modeling suggests the TP camphorsulfonamide structure mimics the D-AA2-Ile3 dipeptide, crucial in potent OT antagonists^[1].

REFERENCES

[1]. 1-(((7,7-Dimethyl-2(S)-2(S)-amino-4-(methylsulfonyl)butylamido)bicyclo[2.2.1]heptan-1(S)-yl)methyl)sulfonyl-4-(2-methylphenyl)piperazine (L-368,899): An Orally Bioavailable, Non-Peptide Oxytocin Antagonist with Potential Utility for Managing Preterm Labor

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA