



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

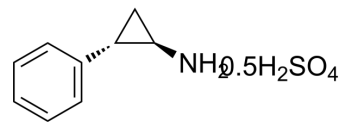
mail@szabo-scandic.com

www.szabo-scandic.com

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

Tranlycypromine hemisulfate (Standard)

Cat. No.:	HY-B1496R
CAS No.:	13492-01-8
Molecular Formula:	C ₉ H ₁₂ NO ₂ S _{0.5}
Molecular Weight:	182.23
Target:	Histone Demethylase; Monoamine Oxidase
Pathway:	Epigenetics; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tranlycypromine (hemisulfate) (Standard) is the analytical standard of Tranlycypromine (hemisulfate). This product is intended for research and analytical applications. Tranlycypromine (SKF 385) hemisulfate is an irreversible, nonselective monoamine oxidase (MAO) inhibitor used in the treatment of depression. Tranlycypromine hemisulfate is also a lysine-specific demethylase 1 (LSD1) inhibitor, suppresses lesion growth and improves generalized hyperalgesia in mouse with induced endometriosis. Tranlycypromine has antidepressant effects^{[1][2]}.

REFERENCES

- [1]. Caraci F, et al. Neuroprotective effects of the monoamine oxidase inhibitor tranlycypromine and its amide derivatives against A β (1-42)-induced toxicity. *Eur J Pharmacol.* 2015 Oct 5;764:256-263.
- [2]. Sun Q, et al. Tranlycypromine, a lysine-specific demethylase 1 (LSD1) inhibitor, suppresses lesion growth and improves generalized hyperalgesia in mouse with induced endometriosis. *Reprod Biol Endocrinol.* 2016 Apr 9;14:17.
- [3]. Tsutsumi T, et al. Potential Neuroprotective Effects of an LSD1 Inhibitor in Retinal Ganglion Cells via p38 MAPK Activity. *Invest Ophthalmol Vis Sci.* 2016 Nov 1;57(14):6461-6473.
- [4]. Romanczyk TB, et al. The antidepressant tranlycypromine alters cellular proliferation and migration in the adult goldfish brain. *Anat Rec (Hoboken).* 2014 Oct;297(10):1919-26.

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