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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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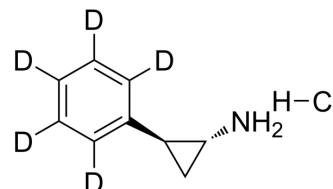
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Tranlycypromine-d₅ hydrochloride

Cat. No.:	HY-17447SA
CAS No.:	107077-98-5
Molecular Formula:	C ₉ H ₇ D ₅ ClN
Molecular Weight:	174.68
Target:	Monoamine Oxidase; Histone Demethylase
Pathway:	Neuronal Signaling; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tranlycypromine-d ₅ (hydrochloride) is a deuterium labeled (rel)-Tranlycypromine hydrochloride. Tranlycypromine hydrochloride is an irreversible, nonselective monoamine oxidase (MAO) inhibitor used in the treatment of depression. Tranlycypromine hydrochloride is also a lysine-specific demethylase 1 (LSD1) inhibitor, suppresses lesion growth and improves generalized hyperalgesia in mouse with induced endometriosis[1][2].
IC ₅₀ & Target	KDM1/LSD1

REFERENCES

- [1]. Caraci F, et al. Neuroprotective effects of the monoamine oxidase inhibitor tranlycypromine and its amide derivatives against Aβ(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.

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

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