



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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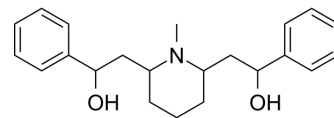
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Lobelanidine

Cat. No.:	HY-114791
CAS No.:	552-72-7
Molecular Formula:	C ₂₂ H ₂₉ NO ₂
Molecular Weight:	339.47
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lobelanidine is an antagonist for nicotinic acetylcholine receptor (nAChR), which inhibits $\alpha 7$ nAChR response and $\alpha 3\beta 2/\alpha 3\beta 4$ nAChR responses, with IC ₅₀ of 2.8 and 8.2 μ M ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.8 μ M ($\alpha 7$ nAChR), 8.2 μ M ($\alpha 3\beta 2/\alpha 3\beta 4$ nAChR)

REFERENCES

[1]. Paz C, et al., (-)-Pentylsedinine, a new alkaloid from the leaves of *Lobelia tupa* with agonist activity at nicotinic acetylcholine receptor[J]. Natural Product Communications, 2015, 10(8): 1934578X1501000810.

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

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