



SZABO SCANDIC

Part of Europa Biosite

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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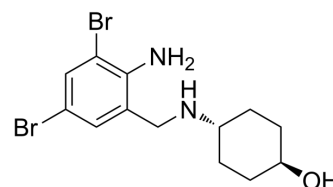
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Ambroxol (Standard)

Cat. No.:	HY-B1039R
CAS No.:	18683-91-5
Molecular Formula:	C ₁₃ H ₁₈ Br ₂ N ₂ O
Molecular Weight:	378.1
Target:	Glucosidase; Autophagy
Pathway:	Metabolic Enzyme/Protease; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ambroxol (Standard) is the analytical standard of Ambroxol. This product is intended for research and analytical applications. Ambroxol (NA-872), an active metabolite of the proagent Bromhexine, has potent expectorant effects. Ambroxol is a glucocerebrosidase (GCase) chaperone and increases glucocerebrosidase activity. Ambroxol induces lung autophagy and has the potential for Parkinson disease and neuronopathic Gaucher disease research^{[1][2]}.

REFERENCES

- [1]. Vojo Deretic, et al. Enhancement of lung levels of antibiotics by ambroxol and bromhexine. *Expert Opin Drug Metab Toxicol*. 2019 Mar;15(3):213-218.
- [2]. Anna Migdalska-Richards, et al. Ambroxol effects in glucocerebrosidase and α -synuclein transgenic mice. *Ann Neurol*. 2016 Nov;80(5):766-775.

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

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