



# 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

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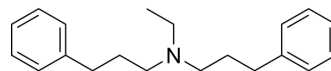
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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Alverine

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-B0500A   |
| CAS No.:           | 150-59-4  |
| Molecular Formula: | C <sub>20</sub> H <sub>27</sub> N   |
| Molecular Weight:  | 281.44  |
| Target:            | 5-HT Receptor   |
| Pathway:           | GPCR/G Protein; Neuronal Signaling  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |   |
|---------------------------|---|
| Description               | Alverine citrate is a 5-HT <sub>1A</sub> receptor antagonist, with an IC <sub>50</sub> of 101 nM. |
| IC <sub>50</sub> & Target | IC <sub>50</sub> : 101 nM (5-HT <sub>1A</sub> ) <sup>[1]</sup> .                                  |

### CUSTOMER VALIDATION

- Biochem Biophys Res Commun. 2020 Feb 19;522(4):862-868.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

- [1]. Coelho, A.M., et al., Rectal antinociceptive properties of alverine citrate are linked to antagonism at the 5-HT<sub>1A</sub> receptor subtype. J Pharm Pharmacol, 2001. 53(10): p. 1419-26.
- [2]. Hayase, M., et al., Evolving mechanisms of action of alverine citrate on phasic smooth muscles. Br J Pharmacol, 2007. 152(8): p. 1228-38.

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

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