



# 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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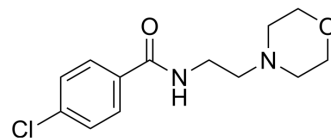
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## Moclobemide (Standard)

Cat. No.:	HY-B0534R
CAS No.:	71320-77-9
Molecular Formula:	C <sub>13</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	268.74
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Moclobemide (Standard) is the analytical standard of Moclobemide. This product is intended for research and analytical applications. Moclobemide (Ro111163) is a brain-penetrant and reversible monoamine oxidase (MAO-A) inhibitor with an IC<sub>50</sub> of 6.061 μM for hMAO-A<sup>[1]</sup>. Moclobemide up-regulates proliferation of hippocampal progenitor cells in chronically stressed mice.

### REFERENCES

- [1]. Nafiz Öncü Can, et al. Synthesis of New Hydrazone Derivatives for MAO Enzymes Inhibitory Activity. *Molecules*. 2017 Aug 20;22(8):1381.
- [2]. Yun-feng Li, et al. Moclobemide up-regulates proliferation of hippocampal progenitor cells in chronically stressed mice. *Acta Pharmacol Sin*. 2004 Nov;25(11):1408-12.

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

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