



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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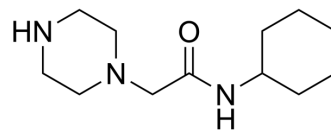
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## Esaprazole

Cat. No.:	HY-129415
CAS No.:	64204-55-3
Molecular Formula:	C <sub>12</sub> H <sub>23</sub> N <sub>3</sub> O
Molecular Weight:	225.33
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Esaprazole (Hexaprazole) is an antiulcer agent that has the effect of promoting the healing of peptic ulcer. Esaprazole can inhibit the secretion of gastric acid and pepsin <sup>[1]</sup> .
<b>In Vivo</b>	Esaprazole (50-450 mg/kg; intraduodenal administration; single dose) can inhibit the secretion of gastric acid and pepsin in a dose-dependent manner in Wistar rats. Moreover, Esaprazole (25, 50, and 100 mg/kg; intraperitoneal injection; single dose) can also inhibit the hypersecretion of acid induced by Bethanechol (HY-B0406) (500 µg/kg/h) and the acid secretory response induced by vagal stimulation <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Blandizzi C, et al. Gastric antisecretory effects of esaprazole in rats. *Digestion*. 1992;51(4):226-232.

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

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