



# 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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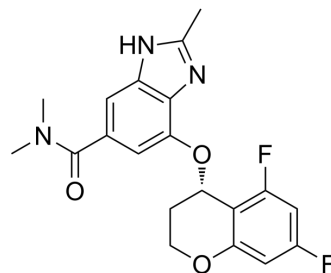
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## Tegoprazan (Standard)

Cat. No.:	HY-17623R
CAS No.:	942195-55-3
Molecular Formula:	C <sub>20</sub> H <sub>19</sub> F <sub>2</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	387.38
Target:	Proton Pump
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tegoprazan (Standard) is the analytical standard of Tegoprazan. This product is intended for research and analytical applications. Tegoprazan (CJ-12420), a potassium-competitive acid blocker, is a potent, oral active and highly selective inhibitor of gastric H <sup>+</sup> /K <sup>+</sup> -ATPase that could control gastric acid secretion and motility, with IC <sub>50</sub> values ranging from 0.29-0.52 μM for porcine, canine, and human H <sup>+</sup> /K <sup>+</sup> -ATPases in vitro <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.29-0.52 μM (H <sup>+</sup> /K <sup>+</sup> -ATPase) <sup>[1]</sup> .

### REFERENCES

[1]. Takahashi N, et al. Tegoprazan, a Novel Potassium-Competitive Acid Blocker to Control Gastric Acid Secretion and Motility. J Pharmacol Exp Ther. 2018 Feb;364(2):275-286.

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

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