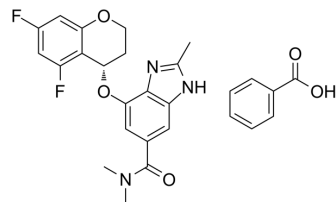


Tegoprazan Benzoate

| | |
|--------------------|---|
| Cat. No.: | HY-17623D |
| Molecular Formula: | C ₂₇ H ₂₅ F ₂ N ₃ O ₅ |
| Molecular Weight: | 509.5 |
| 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 Benzoate is the benzoate form of Tegoprazan (HY-17623). Tegoprazan (CJ-12420), a potassium-competitive acid blocker, is a potent, oral active and highly selective inhibitor of gastric H⁺/K⁺-ATPase that could control gastric acid secretion and motility, with IC₅₀ values ranging from 0.29-0.52 μM for porcine, canine, and human H⁺/K⁺-ATPases in vitro^[1].

CUSTOMER VALIDATION

- Int J Mol Sci. 2023 Sep 26, 24(19), 14589.
- J Pharmaceut Biomed. 2023 Mar 4.

See more customer validations on www.MedChemExpress.com

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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