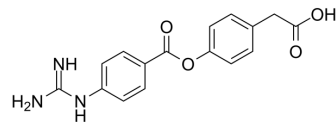


FOY 251 free base

| | |
|---------------------------|---|
| Cat. No.: | HY-19727 |
| CAS No.: | 71079-08-8 |
| Molecular Formula: | C ₁₆ H ₁₅ N ₃ O ₄ |
| Molecular Weight: | 313.31 |
| Target: | Ser/Thr Protease; SARS-CoV |
| Pathway: | Metabolic Enzyme/Protease; Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | FOY 251 free base, an anti-proteolytic active metabolite of Camostat (HY-13512), acts as a proteinase inhibitor ^{[1][2]} . FOY 25 free base inhibits SARS-CoV-2 infection in cells assay ^[3] . |
| IC₅₀ & Target | Proteinase ^[1] |
| In Vitro | FOY 251 free base represents a dose-dependent inhibition of equivalent current in M-1 cells ^[2] . FOY-251 free base inhibits the proteolytic activity of prostaticin ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

CUSTOMER VALIDATION

- Nucleic Acids Res. 2021 Jan 8;49(D1):D11113-D1121.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. K Beckh, et al. Elimination of the Low-Molecular Weight Proteinase Inhibitor Camostat (FOY 305) and Its Degradation Products by the Rat Liver. Res Exp Med (Berl). 1987;187(6):401-6.
- [2]. Ai Maekawa, et al. Camostat Mesilate Inhibits Prostaticin Activity and Reduces Blood Pressure and Renal Injury in Salt-Sensitive Hypertension. J Hypertens . 2009 Jan;27(1):181-9.
- [3]. Markus Hoffmann, et al. Camostat mesylate inhibits SARS-CoV-2 activation by TMPRSS2-related proteases and its metabolite GBPA exerts antiviral activity. bioRxiv. 2020 Aug 5;2020.08.05.237651.

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

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