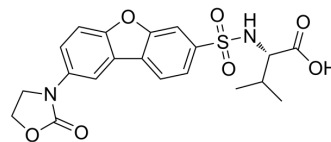


MMP145

| | |
|--------------------|---|
| Cat. No.: | HY-14155 |
| CAS No.: | 1025717-75-2 |
| Molecular Formula: | C ₂₀ H ₂₀ N ₂ O ₇ S |
| Molecular Weight: | 432.45 |
| Target: | MMP |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

MMP145 (compound 27) is a potent, selective and orally active MMP-12 inhibitor. MMP145 is effective in inflammation and asthma research^[1].

REFERENCES

- [1]. Li W, et, al. Identification of an orally efficacious matrix metalloprotease 12 inhibitor for potential treatment of asthma. *J Med Chem.* 2009 Sep 10;52(17):5408-19.
- [2]. Wei Li, Jianchang Li, Yuchuan Wu, Fabio Rancati, Stefania Vallese, Luca Raveglia, Junjun Wu, Rajeev Hotchandani, Nathan Fuller, Kristina Cunningham, Paul Morgan, Susan Fish, Rustem Krykbaev, Xin Xu, Steve Tam, Samuel J. Goldman, William Abraham, Cara Williams, Joseph Sypek and Tarek S. Mansour. Identification of an Orally Efficacious Matrix Metalloprotease 12 Inhibitor for Potential Treatment of Asthma. *J. Med. Chem.*, 2009, 52 (17), pp 5408–5419.

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

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