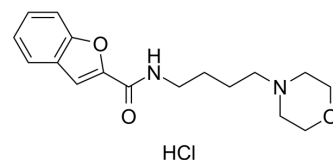


CL-82198 hydrochloride

Cat. No.:	HY-110046
CAS No.:	1188890-36-9
Molecular Formula:	C ₁₇ H ₂₃ ClN ₂ O ₃
Molecular Weight:	338.83
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CL-82198 hydrochloride is a selective inhibitor of MMP-13. CL-82198 hydrochloride binds to the entire S1' pocket of MMP-13, which is the basis of its selectivity against MMP-1, MMP-9, and TACE ^[1] .
IC ₅₀ & Target	MMP13

CUSTOMER VALIDATION

- Cell Stem Cell. 2023 May 4;30(5):648-664.e8.
- Nat Commun. 2022 Jul 11;13(1):4007.
- J Cell Physiol. 2019 Sep;234(9):15395-15406.
- Mar Drugs. 2023 Jul 31, 21(8), 433.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. James M. Chen, Frances C. Nelson, Jeremy I. Levin, Dominick Mobilio, Franklin J. Moy, Ramaswamy Nilakantan, Arie Zask, and Robert Powers. Journal of the American Chemical Society 2000 122 (40), 9648-9654

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA