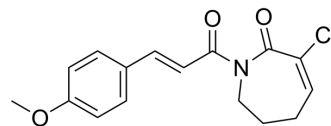


Anti-aging agent 1

Cat. No.:	HY-161088
CAS No.:	1884611-28-2
Molecular Formula:	C ₁₆ H ₁₆ ClNO ₃
Molecular Weight:	305.76
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anti-aging agent 1 (compound 24) is a derivative of piperlongumine (HY-N2329) (PL). Anti-aging agent 1 exhibits a 50-fold enhancement in senolytic activity against senescent WI-38 fibroblasts compared to PL^[1].

REFERENCES

[1]. Xuan Zhang, et al. Design and optimization of piperlongumine analogs as potent senolytics. *Bioorg Med Chem Lett*. 2023.

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