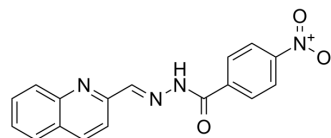


Elastase-IN-1

Cat. No.:	HY-146070
CAS No.:	678152-73-3
Molecular Formula:	C ₁₇ H ₁₂ N ₄ O ₃
Molecular Weight:	320.3
Target:	Elastase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Elastase-IN-1 (Compound Q11) is an elastase inhibitor with an IC ₅₀ of 0.897 μM. Elastase-IN-1 is non-toxic ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.897 μM (Elastase) ^[1]

REFERENCES

[1]. Vanjare BD, et al. Elastase inhibitory activity of quinoline Analogues: Synthesis, kinetic mechanism, cytotoxicity, chemoinformatics and molecular docking studies. Bioorg Med Chem. 2022 Jun 1;63:116745.

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

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