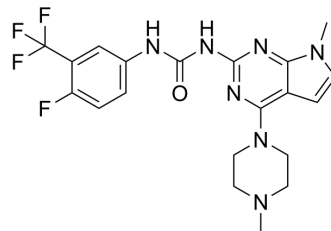


MMP-9-IN-8

Cat. No.:	HY-157138
CAS No.:	2490543-89-8
Molecular Formula:	C ₂₀ H ₂₁ F ₄ N ₇ O
Molecular Weight:	451.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MMP-9-IN-8 (Compound 3) is an MMP-9 inhibitor with inhibitory activities of 42.16% and 58.28% at 10 μ M and 50 μ M concentrations, respectively. MMP-9-IN-8 has anti-cancer activity and can induce apoptosis in MCF-7 cells with an IC₅₀ value of 23.42 μ M^[1].

REFERENCES

[1]. Kilic-Kurt Z, et al. Effects of pyrrolopyrimidine derivatives on cancer cells cultured in vitro and potential mechanism. Naunyn Schmiedebergs Arch Pharmacol. 2023 Oct 28.

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

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