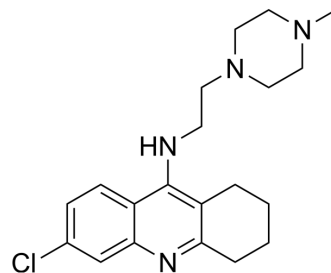


Autophagy-IN-4

Cat. No.:	HY-124132
CAS No.:	1411646-44-0
Molecular Formula:	C ₂₀ H ₂₇ ClN ₄
Molecular Weight:	358.91
Target:	Autophagy
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Autophagy-IN-4 (Compound 34) is an autophagy inhibitor, with an EC ₅₀ of 0.5 μM and a LD50 of 27 μM for U2OS cells ^[1] .
In Vitro	Autophagy-IN-4 (0.5 or 3 μM, 48 h) induces accumulation of LC3-II protein levels in U2OS cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang et al. Synthesis of improved lysomotropic autophagy inhibitors. J Med Chem. 2015 Apr 9;58(7):3025-35.

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

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