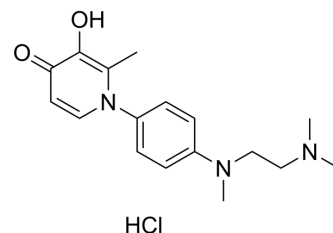


Ferroptosis-IN-4

Cat. No.:	HY-149719
CAS No.:	2798922-35-5
Molecular Formula:	C ₁₇ H ₂₄ ClN ₃ O ₂
Molecular Weight:	337.84
Target:	Ferroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ferroptosis-IN-4 (compound 6k) is a ferroptosis inhibitor with EC₅₀ value of 20 μM. Ferroptosis-IN-4 has no obvious cytotoxicity. Ferroptosis-IN-4 has a protective effect in glycerol-induced RM-AKI mice with alleviating kidney dysfunction^[1].

REFERENCES

[1]. Jie Cen, et al. Synthesis and structure-activity optimization of hydroxypyridinones against rhabdomyolysis-induced acute kidney injury. Eur J Med Chem. 2023.

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

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