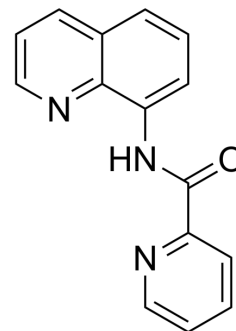


UM4118

Cat. No.:	HY-162386
CAS No.:	324530-92-9
Molecular Formula:	C ₁₅ H ₁₁ N ₃ O
Molecular Weight:	249.27
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

UM4118 is a copper ionophore that can initiate a mitochondrial-based noncanonical form of cell death known as cuproptosis. UM4118 exhibits high sensitivity in SF3B1-mutated and adverse risk acute myeloid leukemia (AML), and can be used for AML research^[1].

REFERENCES

[1]. Moison C, et al. SF3B1 mutations provide genetic vulnerability to copper ionophores in human acute myeloid leukemia. *Sci Adv.* 2024;10(12):eadl4018.

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

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