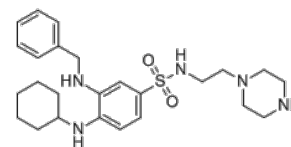


Product Name : UAMC-3203
Cat. No. : PC-35743
CAS No. : 2271358-65-5
Molecular Formula : C₂₅H₃₈ClN₅O₂S
Molecular Weight : 508.122
Target : Ferroptosis
Solubility : 10 mM in DMSO



Biological Activity

UAMC-3203 is a novel potent, drug-like **ferroptosis** inhibitor with IC₅₀ of 12 nM, inhibit erastin-induced ferroptotic cell death more potently than Ferrostatin-1.

UAMC-3203 shows an improved protection compared to Fer-1 against multi-organ injury in mice.

UAMC-3203 represents novel lead compounds with therapeutic potential in relevant ferroptosis-driven disease models.

References

Devisscher L, et al. *J Med Chem.* 2018 Oct 25. doi: 10.1021/acs.jmedchem.8b01299.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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