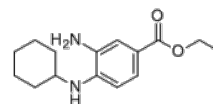


Product Name : Ferrostatin-1
Cat. No. : PC-35744
CAS No. : 347174-05-4
Molecular Formula : C₁₅H₂₂N₂O₂
Molecular Weight : 262.353
Target : Ferroptosis
Solubility : 10 mM in DMSO



Biological Activity

Ferrostatin-1 (Fer 1) is a potent **ferroptosis** inhibitor with IC₅₀ of 33 nM, inhibits erastin-induced ferroptosis in HT-1080 cells with EC₅₀ of 60 nM.

Ferrostatin-1 (Fer 1) prevents erastin-induced accumulation of cytosolic and lipid ROS.

Ferrostatin-1 (Fer 1) does not inhibit ERK phosphorylation or arrest the proliferation of HT-1080 cells.

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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