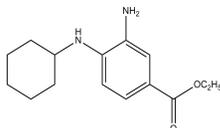


**PRODUCT: Ferrostatin-1****RELATED PRODUCTS:****ALTERNATE NAME:** Fer-1; Ethyl 3-amino-4-(cyclohexylamino)benzoateErastin (**Cat. No. 2231-1, 5**)**CATALOG #:** 2230-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 262.35**CAS NUMBER:** 347174-05-4**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (100 mM)**PURITY:** ≥95% by NMR**STORAGE:** At -20° C. Protect from light and moisture**DESCRIPTION:** Cell-permeable. A potent ferroptosis (an iron-dependent form of non-apoptotic cell death) inhibitor. Inhibits erastin-induced ferroptosis in HT-1080 cells with an EC<sub>50</sub> of 60 nM. Ferrostatin-1 inhibits ferroptosis in cancer cells as well as blocks glutamate-induced cell death in organotypic rat brain slices.**REFERENCE:** Dixon, S.J., *et al.* (2012). *Cell* **149**, 1060-1072.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**