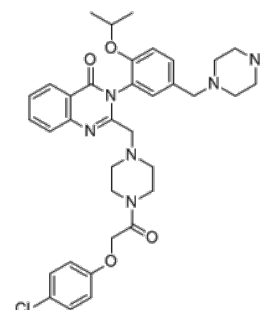


**Product Name** : Piperazine Erastin  
**Cat. No.** : PC-42286  
**CAS No.** : 1538593-71-3  
**Molecular Formula** : C<sub>35</sub>H<sub>41</sub>ClN<sub>6</sub>O<sub>4</sub>  
**Molecular Weight** : 645.19084  
**Target** : Ferroptosis  
**Solubility** : 10 mM in DMSO



## Biological Activity

Piperazine Erastin is an analog of Erastin, which can induce **ferroptosis** in cancer cells, an iron-dependent form of nonapoptotic cell death.

## References

- Dixon SJ, et al. *Cell*. 2012 May 25;149(5):1060-72.  
Huo H, et al. *PLoS One*. 2016 May 12;11(5):e0154605.

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

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