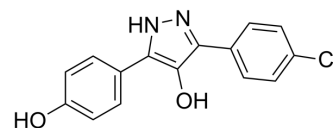


## Ferroptosis-IN-3

Cat. No.:	HY-149670
Molecular Formula:	C <sub>15</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	286.71
Target:	Ferroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ferroptosis-IN-3 (Compound 25) is a ferroptosis inhibitor. Ferroptosis-IN-3 inhibits RSL3-induced ferroptosis (EC<sub>50</sub>: 8.6 nM in HT-1080 cells). Ferroptosis-IN-3 scavenges DPPH and ABTS radicals (EC<sub>50</sub>: 3.94 and 6.3 μM respectively). Ferroptosis-IN-3 decreases lipid peroxidation<sup>[1]</sup>.

### REFERENCES

[1]. Ying Danzhi, et al. Discovery of 4-hydroxyl pyrazole derivatives as potent ferroptosis inhibitors. European Journal of Medicinal Chemistry Available online 4 November 2023, 115913.

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

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