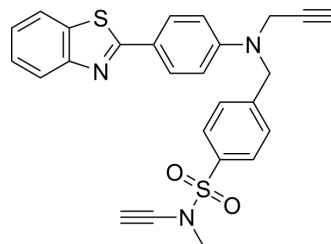


## GPX4-IN-9

Cat. No.:	HY-157762
Molecular Formula:	C <sub>26</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	471.59
Target:	Glutathione Peroxidase; Ferroptosis
Pathway:	Apoptosis; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

GPX4-IN-9 (Compound A16) is a glutathione peroxidase 4 (GPX4) inhibitor that specifically targets GPX4 under both in vitro and in vivo conditions, inducing ferroptosis. GPX4-IN-9 exhibits cytotoxicity against pancreatic cancer cells and can be used in cancer research<sup>[1]</sup>.

## REFERENCES

[1]. Tang Z, et al. Novel Covalent Probe Selectively Targeting Glutathione Peroxidase 4 In Vivo: Potential Applications in Pancreatic Cancer Therapy. *J Med Chem.* 2024 Feb 8;67(3):1872-1887.

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

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