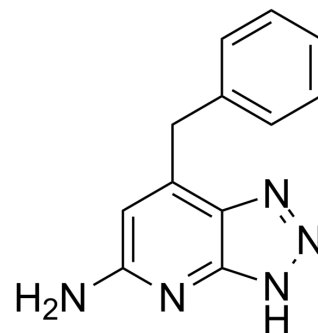


## MPO-IN-4

Cat. No.:	HY-146651
CAS No.:	2088545-68-8
Molecular Formula:	C <sub>12</sub> H <sub>11</sub> N <sub>5</sub>
Molecular Weight:	225.25
Target:	Glutathione Peroxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MPO-IN-4 (compound 12) is a potent and selective myeloperoxidase (MPO) inhibitor with an IC<sub>50</sub> of 25 nM. MPO-IN-4 has no effect on methyl guanine methyl transferase (MGMT)<sup>[1]</sup>.

## REFERENCES

[1]. Scott A Shaw, et al. Discovery and structure activity relationships of 7-benzyl triazolopyridines as stable, selective, and reversible inhibitors of myeloperoxidase. *Bioorg Med Chem.* 2020 Nov 15;28(22):115723.

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

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