

## Myeloperoxidase, Human Neutrophil

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Myeloperoxidase, Human Neutrophil, is a peroxidase enzyme that acts as a potent antimicrobial agent by catalyzing the oxidation of chloride ions dependent on H <sub>2</sub> O <sub>2</sub> , producing hypochlorous acid. It also facilitates the degradation of N-retinylidene-N-retinyl-ethanolamine [a toxic form of retinal lipofuscin], and induces lysosomal stress and cell death. This enzyme is useful for research in inflammation and infection.
Targets(IC50)	Glutathione Peroxidase

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