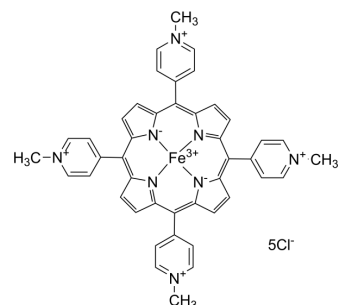


FeTMPyP

Cat. No.:	HY-120380
CAS No.:	133314-07-5
Molecular Formula:	C ₄₄ H ₃₆ Cl ₅ FeN ₈
Molecular Weight:	909.92
Target:	Autophagy
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FeTMPyP is an orally active peroxynitrite (ONOO²⁻) scavenger. FeTMPyP reduces nitrate stress and increases autophagy. FeTMPyP reduces PARP over-activation and neuroinflammation in chronic constriction injury (CCI)-induced rats, and ameliorates functional, behavioral and biochemical deficits^{[1][2]}.

REFERENCES

[1]. Zhang S, et al. Nitrate Stress-Related Autophagic Insufficiency Participates in Hyperhomocysteinemia-Induced Renal Aging. *Oxid Med Cell Longev.* 2020 Jan 25;2020:4252047.

[2]. Komirishetty P, et al. FeTMPyP a peroxynitrite decomposition catalyst ameliorated functional and behavioral deficits in chronic constriction injury induced neuropathic pain in rats. *Free Radic Res.* 2021 Oct;55(9-10):1005-1017.

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

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