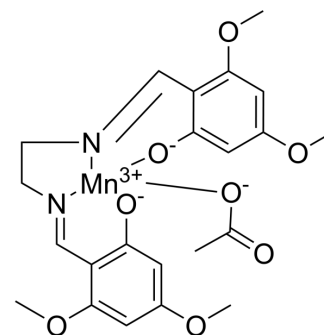


EUK-118

Cat. No.:	HY-130438
CAS No.:	186299-34-3
Molecular Formula:	C ₂₂ H ₂₅ MnN ₂ O ₈
Molecular Weight:	500.38
Target:	SOD
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EUK-118 is an analog of EUK 8 and EUK 134 with reduced activity. EUK-118 exhibits superoxide dismutase (SOD) mimetic activity^{[1][2]}.

REFERENCES

[1]. Doctrow SR, et, al. Salen-manganese complexes as catalytic scavengers of hydrogen peroxide and cytoprotective agents: structure-activity relationship studies. *J Med Chem.* 2002 Sep 26;45(20):4549-58.

[2]. Vera M, et, al. Antioxidant and Anti-Inflammatory Strategies Based on the Potentiation of Glutathione Peroxidase Activity Prevent Endothelial Dysfunction in Chronic Kidney Disease. *Cell Physiol Biochem.* 2018;51(3):1287-1300.

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

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