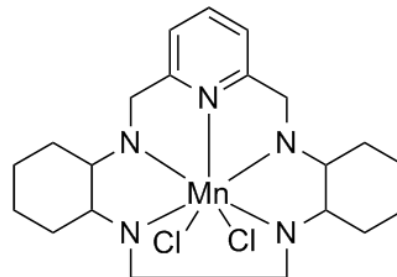


Product Name : Imisopasem manganese
Cat. No. : PC-43504
CAS No. : 218791-21-0
Molecular Formula : C₂₁H₃₁Cl₂MnN₅
Molecular Weight : 479.348385
Target : Other Targets
Solubility : H₂O: 16 mg/mL (Need ultrasonic and warming)



Biological Activity

A small-molecule superoxide dismutase (SOD) mimetic that converts superoxide to hydrogen peroxide and molecular oxygen; significantly mitigates the increased sensitivity of old fibroblasts to ionizing radiation and chemotherapy and partially restores mitochondrial function without affecting ionizing radiation or chemotherapy-induced cancer cell killing.
Chemotherapeutic Agents

Phase 2 Clinical

References

Tuder RM, et al. Am J Respir Cell Mol Biol. 2003 Jul;29(1):88-97.

Mapuskar KA, et al. Cancer Res. 2017 Aug 1. pii: canres.0106.2017.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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