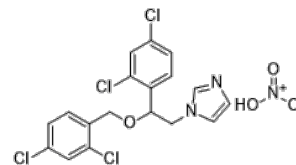


Product Name : Miconazole nitrate
Cat. No. : PC-27948
CAS No. : 22832-87-7
Molecular Formula : C₁₈H₁₅Cl₄N₃O₄
Molecular Weight : 479.14
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

Miconazole nitrate (R18134) is an imidazole antifungal agent, targets the enzyme 14 demethylase and inhibits biosynthesis of ergosterol in common fungal pathogens, also significantly reduces prostate cancer cell viability, clonogenic growth, invasion and migration, targets MCL-1 to exert an anti-leukemic effect, exhibits anti-tumor properties against multiple cancer types.

References

- Peeters F, et al. Arzneimittelforschung. 1973 Aug;23(8):1107-11.
Ghali ENHK, et al. ACS Omega. 2026 Jul 17;11(31):45913-45930.
Fang L, et al. Biochem Pharmacol. 2025 Nov;241:117126.

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

E-mail: tech@probechem.com