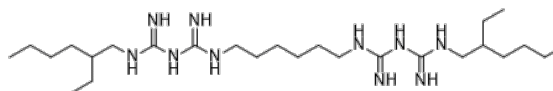


Product Name : Alexidine dihydrochloride
Cat. No. : PC-25950
CAS No. : 1715-30-6
Molecular Formula : C₂₆H₅₈Cl₂N₁₀
Molecular Weight : 581.72
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

Alexidine dihydrochloride is an anticancer agent that targets mitochondrial tyrosine phosphatase PTPMT1, induces mitochondrial apoptosis, also is a TAZ-TEAD binding inhibitor capable of suppressing TAZ-induced migration and invasion in breast cancer cells.

Alexidine dihydrochloride has antifungal and antibiofilm activity against a diverse range of fungal pathogens.

References

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Mamouei Z, et al. mSphere. 2018 Oct 31;3(5). pii: e00539-18.

Doughty-Shenton D, et al. J Pharmacol Exp Ther. 2010 May;333(2):584-92.

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

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