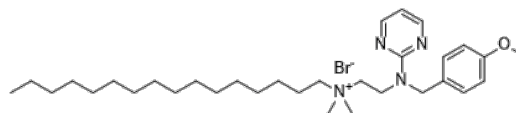


Product Name : Thonzonium bromide
Cat. No. : PC-22873
CAS No. : 553-08-2
Molecular Formula : C₃₂H₅₅BrN₄O
Molecular Weight : 591.72
Target : p97/VCP
Solubility : 10 mM in DMSO



Biological Activity

Thonzonium bromide is an antibacterial agent, inhibits RANKL-induced osteoclast formation and bone resorption in vitro and prevents LPS-induced bone loss in vivo, also is a ATPase p97-Npl4 interaction, boosts antitumor immunity without affecting peripheral Treg cell homeostasis.

References

Zhu X, et al. *Biochem Pharmacol.* 2016;104:118-130.

Nie P, et al. *Nat Immunol.* 2024 Aug 6. doi: 10.1038/s41590-024-01912-y.

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

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