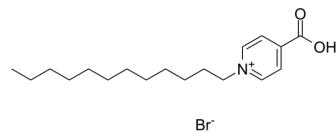


Antimicrobial Compound 1

Cat. No.:	HY-111405
CAS No.:	15237-83-9
Molecular Formula:	C ₁₈ H ₃₀ BrNO ₂
Molecular Weight:	372.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antimicrobial Compound 1 is an alkyipyridinium compound, with antimicrobial activity.
IC ₅₀ & Target	Bacterial ^[1]
In Vitro	Antimicrobial Compound 1 (Tail 12C, Head 4-carboxyl) is an alkyipyridinium compound, with antimicrobial activity against <i>B. subtilis</i> and <i>E. coli</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Rodríguez-Morales S, et al. 3D-QSAR, synthesis, and antimicrobial activity of 1-alkyipyridinium compounds as potential agents to improve food safety. *Eur J Med Chem.* 2005 Sep;40(9):840-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA