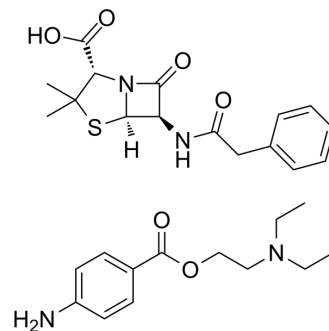


Procaine benzylpenicillin

Cat. No.:	HY-130079
CAS No.:	54-35-3
Molecular Formula:	C ₂₉ H ₃₈ N ₄ O ₆ S
Molecular Weight:	570.7
Target:	Bacterial; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Procaine benzylpenicillin (Penicillin G procaine) is an antimicrobial agent. Procaine benzylpenicillin shows inhibitory activity against gram-positive bacteria and synergistic activity with Neomycin (HY-B0470). Procaine benzylpenicillin can be used in the study of bovine mastitis in animal husbandry^[1].

REFERENCES

[1]. Taponen S, et al. Efficacy of intramammary treatment with procaine penicillin G vs. procaine penicillin G plus neomycin in bovine clinical mastitis caused by penicillin-susceptible, gram-positive bacteria--a double blind field study. *J Vet Pharmacol Ther.* 2003 Jun;26(3):193-8.

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

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