
Product Data Sheet

Product Name: Procaine penicillin G

Cat. No.: GC25782

Chemical Properties

Cas. No. 54-35-3

Formula C₂₉H₃₈N₄O₆S

M.Wt 570.7

Solubility DMSO: 100 mg/mL (175.22 mM);Water: 10 mg/mL (17.52 mM);Ethanol: 20 mg/mL (35.04 mM)

Store
Storage at -
20°CGeneral
tips

For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Penicillin G Procaine (PGP, Penicillin G Procaine, Bicillin C-R), a crystalline complex combining penicillin G with procaine, is a β -lactam antibiotic.

Procaine penicillin G is an common antimicrobial reagent used during animal experiments.[2]

[1] S Taponen, et al. J Vet Pharmacol Ther. 2003 Jun;26(3):193-8. [2] Guo Q, et al. Front Physiol. 2019 Sep 19;10:1184.

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

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