4338-s β-Defensin-2 (Human)

hBD-2

Antimicrobial Peptide Specific for Gram-Negative Bacteria
Also Effective for Candida albicans

The vial contains exactly 0.11 mg (25 nmol) of β-Defensin-2 (Human), which has been lyophilized as an amorphous powder from aqueous acetic acid solution.

Solution: Do not remove the cap.
Inject 250 µl of distilled water into the vial using a calibrated syringe. Dissolve all the contents thoroughly. This procedure furnishes a 0.1 mM solution of the titled compound.

Storage: After preparing 100-200 µl aliquots, freeze them at -20°C or below until use. The aqueous solution should be used within a few weeks.

Storage: The undissolved peptide is stable at -20°C for more than one year.

(Disulfide bonds between Cys1-Cys37, Cys15-Cys30, and Cys20-Cys38)
(M.W. 4328.2) C_{188}H_{305}N_{55}O_{50}S_{6}

References:

β-Defensin-2 (Human) is sold for research purposes only and not for use in humans.