

Product Datasheet

Dermaseptin I peptide (orb216559)

Description	Dermaseptin I peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	Dermaseptin was originally isolated from skin extracts of the South American arboreal frog, <i>Phyllomedusa sauvagei</i> . The strongly basic, nonhemolytic compound is the first vertebrate peptide that shows highly potent antimicrobial activity against pathogenic fungi at micromolar concentration. With a potentially amphiphatic α -helix structure, dermaseptin probably acts by membrane permeabilization.
Protein Sequence	Ala-Leu-Trp-Lys-Thr-Met-Leu-Lys-Lys-Leu-Gly-Thr-Met-Ala-Leu-His-Ala-Gly-Lys-Ala-Leu-Gly-Ala-Ala-Ala-Ala-Asp-Thr-Ile-Ser-Gln-Gly-Thr-Gln
Formula	$C_{152}H_{257}N_{43}O_{44}S_2$
Purity	> 95%
Source	Synthetic
MW	3455.08
CAS Number	136033-70-0
Expiration Date	12 months from date of receipt.

