

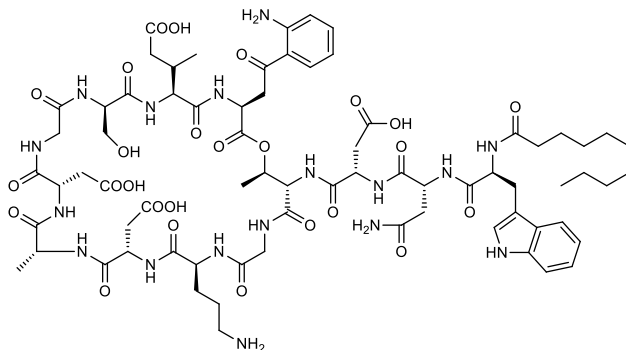
Catalog # 10-2692

Daptomycin

103060-53-3

Cubicin; LY146032

Lot # X105120



A cyclic anionic lipopeptide calcium-dependent antibiotic¹. Useful for the treatment of serious Gram-positive infections including antibiotic-resistant strains such as MRSA and VRE².

- 1) Jung *et al.* (2004), *Structural transitions as determinants of the action of the calcium-dependent antibiotic daptomycin*; Chem. Biol., **11** 949
- 2) Steenbergen *et al.* (2005), *Daughtomycin: a lipopeptide antibiotic for the treatment of serious Gram-positive infections*; J. Antimicrob. Chemother., **55** 283

PHYSICAL DATA

Molecular Weight:	1620.71
Molecular Formula:	C ₇₂ H ₁₀₁ N ₁₇ O ₂₆
Purity:	95% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (up to 100 mg/ml) or Ethanol (up to 50 mg/ml)
Physical Description:	Pale yellow solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

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