

## Product Datasheet

### Daptomycin (orb609555)

<b>Description</b>	Daptomycin
<b>Storage</b>	Storage Temp: -20°C
<b>Note</b>	For research use only
<b>Formula</b>	C <sub>72</sub> H <sub>101</sub> N <sub>17</sub> O <sub>26</sub>
<b>Purity</b>	≥97%
<b>MW</b>	1620.67
<b>CAS Number</b>	103060-53-3
<b>SMILES</b>	<chem>CCCCCCCCC(=O)NC(CC1=CNC2=CC=CC=C21)C(=O)NC(CC(=O)N)C(=O)NC(CC(=O)O)C(=O)NC3C(OC(=O)C(NC(=O)C(NC(=O)C(NC(=O)CNC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)CNC3=O)CCCN)CC(=O)O)C)CC(=O)O)CO)C(C)CC(=O)O)CC(=O)C4=CC=CC=C4N)C</chem>
<b>Solubility (25°C)</b>	Soluble in ethanol (50 mM), methano, DMF, DMSO (100 mM). Slightly soluble in water (25 mg/mL, 5 mM).
<b>Hazard Information</b>	Chemical Hazard Code: None. UN Number: Not dangerous goods
<b>Expiration Date</b>	12 months from date of receipt.

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