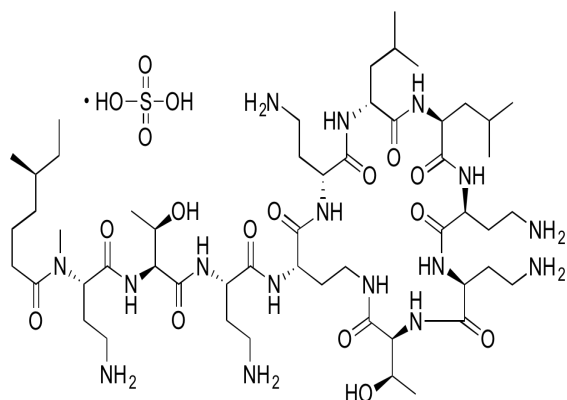


## Product Datasheet

### Colistin Sulfate (orb320841)

<b>Description</b>	Colistin Sulphate
<b>Storage</b>	Stability: Protect from light. Store in a cool, dry place.. Storage Temp: 4°C
<b>Note</b>	For research use only
<b>Formula</b>	$C_{45}H_{85}N_{13}O_{10}H_2O_4S$
<b>Purity</b>	Biological Potency: $\geq 19366$ IU/mg
<b>MW</b>	1267.55
<b>CAS Number</b>	1264-72-8
<b>SMILES</b>	<chem>CCC(C)CCCC(=O)NC(CCN)C(=O)NC(C(C)O)C(=O)NC(CCN)C(=O)NC1CCNC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC(=O)C(NC1=O)CCN)CC(C)C)CC(C)C)CC(N)CCN)C(C)O</chem>
<b>Solubility (25°C)</b>	Soluble in water (50 mg/mL).
<b>Hazard Information</b>	Chemical Hazard Code: T. UN Number: UN number: 2811 Class: 6.1 Packing Group: III Proper shipping name: Toxic solid, organic, n.o.s. (Colistin sulfate)
<b>Expiration Date</b>	12 months from date of receipt.



Chemical structure of Colistin Sulphate

#### Biorbyt Ltd.

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

#### Biorbyt LLC.

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)