

Product Datasheet

Colistin (orb1983449)

Description	Colistin (Polymyxin E), a polypeptide antibiotic with oral activity, exhibits strong efficacy against a range of Gram-negative rod-shaped bacteria, such as multidrug-resistant <i>Pseudomonas aeruginosa</i> , <i>Acinetobacter baumannii</i> , and <i>Klebsiella pneumoniae</i> . However, its use is associated with nephrotoxicity. It is primarily utilized in researching infections caused by Gram-negative bacilli [1] [2].
Storage	-20°C
Note	For research use only
Formula	$C_{53}H_{100}N_{16}O_{13}$ (for E ₁)
Purity	98.00%
MW	1169.5
CAS Number	1066-17-7
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, 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, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)