

## Product Datasheet

### Teicoplanin (orb322685)

<b>Catalog Number</b>	orb322685
<b>Category</b>	Small Molecules
<b>Description</b>	Teicoplanin (CAS number: 61036-62-2), also known as Ristomycin A 34-O-[2-(acetylamino)-2-deoxy-.beta.-D-glucopyranosyl]-22,31-dichloro-7-demethyl-64-O-demethyl-19-deoxy-56-O-[2-deoxy-2-[(8-methyl-1-oxononyl)amino]-.beta.-D-glucopyranosyl]-42-O-.alpha.-D-mannopyranosyl-, is a compound with a molecular weight of 1877.64 Da and a purity of ≥900 ug/mg, bio assay.
<b>Purity</b>	≥900 ug/mg, bio assay
<b>MW</b>	1877.64
<b>Solubility (25°C)</b>	Soluble in water (10 mg/mL), ethanol, methanol, DMSO, DMF.
<b>CAS Number</b>	61036-62-2
<b>Formula</b>	C <sub>78</sub> H <sub>77</sub> Cl <sub>2</sub> N <sub>9</sub> O <sub>31</sub>
<b>SMILES</b>	CCCCCCCCC(=O)N[C@@H]1[C@H]([C@@H]([C@H](O[C@H]1O)c2c3cc4cc2Oc5c cc(cc5Cl)[C@H]([C@H]6C(=O)N[C@@H](c7cc(cc(c7- c8cc(ccc8O)[C@H](C(=O)N6)NC(=O)[C@@H]4NC(=O)[C@@H]9c1cc(cc(c1)Oc1cc (ccc1O)[C@H](C(=O)N[C@H](Cc1ccc(c(c1)Cl)O3)C(=O)N9)N)O)O[C@@H]1[C@H] ([C@H]([C@@H]([C@H](O1)CO)O)O)O)C(=O)O)O[C@H]1[C@@H]([C@H]([C@ @H]([C@H](O1)CO)O)O)NC(=O)C)CO)O)O
<b>Chemical Name</b>	Ristomycin A 34-O-[2-(acetylamino)-2-deoxy-.beta.-D-glucopyranosyl]-22,31-dichloro-7-demethyl-64-O-demethyl-19-deoxy-56-O-[2-deoxy-2-[(8-methyl-1-oxononyl)amino]-.beta.-D-glucopyranosyl]-42-O-.alpha.-D-mannopyranosyl-
<b>Storage</b>	Storage Temp: Ambient
<b>Hazard Information</b>	Chemical Hazard Code: None. UN Number: Not dangerous goods

#### Biorbyt Ltd.

7 Signet Court, Swann 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 859353 | Fax: +1 (415) 651-8558

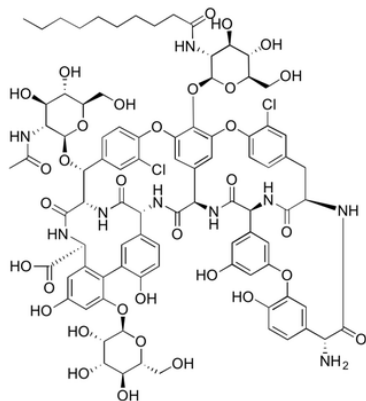
#### Biorbyt LLC

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

**Note** For research use only

**Expiration Date** 12 months from date of receipt.



Chemical structure of orb322685.

**Biorbyt Ltd.**

7 Signet Court, Swann 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 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
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)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)