

## Product Datasheet

### Anti-MRSA agent 38 (orb3173619)

<b>Catalog Number</b>	orb3173619
<b>Category</b>	Small Molecules
<b>Description</b>	Anti-MRSA agent 38 is a broad-spectrum antibacterial compound (MIC= 0.0625-2 µg/mL) that inhibits ribosomal protein synthesis. It exerts multiple bactericidal actions by disrupting bacterial membrane structure and inducing ROS accumulation. Furthermore, Anti-MRSA agent 38 selectively targets tumor cells, such as HGC-27 (IC50= 0.86 µM), MRC-5 (IC50= 5.52 µM), and RPC (IC50= 6.09 µM) cells. This agent is applicable in research on bacterial infections and other infectious diseases.
<b>Target</b>	Antibacterial,ROS
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

#### 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)