

Product Datasheet

Anti-MRSA agent 20 (orb2802287)

Catalog Number	orb2802287
Category	Small Molecules
Description	Anti-MRSA agent 20 (Compound a4) is an antimicrobial agent targeting MRSA with a minimum inhibitory concentration (MIC) of less than 0.03125 µg/mL. It binds to the peptidyl transferase center of the ribosome, inhibiting the synthesis of MRSA toxins and bacterial division, thereby suppressing bacterial survival. Furthermore, Anti-MRSA agent 20 significantly reduces the pulmonary MRSA load and diminishes lung damage in mice infected with MRSA (ED50= 6.48 mg/kg).
MW	661.87
Formula	$C_{34}H_{47}NO_8S_2$
Storage	-20°C
Note	For research use only

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, 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
United States

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