

## Product Datasheet

### Albiducin A (orb2942986)

<b>Catalog Number</b>	orb2942986
<b>Category</b>	Small Molecules
<b>Description</b>	Albiducin A is a natural product antibiotic derived from <i>Hymenoscyphus albidus</i> , exhibiting antibacterial and anticancer activity. It demonstrates in vitro efficacy with MICs from 16.7-66.7 mg/mL against microbes and IC50 values of 6.1 and 2.7 µg/mL against L929 and KB3-1 cell lines, supporting research in infectious disease and oncology.
<b>Target</b>	Antibiotic,Antifungal,Antibacterial
<b>MW</b>	260.328
<b>CAS Number</b>	2222286-14-6
<b>Formula</b>	C <sub>16</sub> H <sub>20</sub> O <sub>3</sub>
<b>SMILES</b>	<chem>C(=C/C=C/CCCC)\C1=C(C=O)C(O)=C(O)C=C1</chem>
<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  
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)