

## Product Datasheet

### Aklanonic acid (orb1702611)

<b>Catalog Number</b>	orb1702611
<b>Category</b>	Small Molecules
<b>Description</b>	Aklanonic acid is a key biosynthetic intermediate in the production of anthracycline antibiotics by <i>Streptomyces</i> sp. ZIMET 43717. It is utilized in biochemical research to study polyketide synthase pathways and the in vitro enzymatic synthesis of these important chemotherapeutic compounds.
<b>Target</b>	Others
<b>MW</b>	396.35
<b>CAS Number</b>	91432-47-2
<b>Formula</b>	C <sub>21</sub> H <sub>16</sub> O <sub>8</sub>
<b>SMILES</b>	<chem>CCC(=O)C=C(O)c1c(CC(O)=O)cc2C(=O)c3cccc(O)c3C(=O)c2c1O</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 27713-2847  
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)