

## Product Datasheet

### Alisol B 23-acetate (orb1300161)

<b>Catalog Number</b>	orb1300161
<b>Category</b>	Small Molecules
<b>Description</b>	Alisol B 23-acetate is a research compound that demonstrates hepatoprotective and liver-regenerative properties in models of drug-induced injury (e.g., ANIT, CCl4) and partial hepatectomy. Its mechanisms are linked to the modulation of FXR and STAT3 signaling pathways, regulating key genes involved in bile acid homeostasis, detoxification, and hepatocyte proliferation.
<b>Target</b>	ROS,PARP,FXR,CDK,Apoptosis,MMP,Others,Syk
<b>Purity</b>	99.95%
<b>MW</b>	514.74
<b>Target Areas</b>	Apoptosis Others MMP PARP CDK ROS FXR Syk
<b>Solubility (25°C)</b>	DMSO:60 mg/mL (116.56 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.89 mM)
<b>CAS Number</b>	26575-95-1
<b>Formula</b>	C <sub>32</sub> H <sub>50</sub> O <sub>5</sub>
<b>SMILES</b>	<chem>C[C@H](C[C@H](OC(C)=O)[C@H]1OC1(C)C)C1=C2C[C@H](O)[C@H]3[C@@]4(C)CCC(=O)C(C)(C)[C@@H]4CC[C@]3(C)[C@@]2(C)CC1</chem>
<b>Storage</b>	keep away from moisture,keep away from direct sunlight,store at low temperature   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<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)