

## Product Datasheet

### D-(-)-Tartaric acid (orb1302460)

<b>Catalog Number</b>	orb1302460
<b>Category</b>	Small Molecules
<b>Description</b>	D-(-)-Tartaric acid, an (S,S)-enantiomer primarily localized in the cytoplasm, serves as a precursor for cis- and trans-fertaric acid isomers. Found in foods like vinegar, it is investigated as a dietary biomarker and utilized in biochemical research concerning organic acid metabolism in vitro.
<b>Target</b>	Others
<b>Purity</b>	99.81%
<b>MW</b>	150.09
<b>Target Areas</b>	Others
<b>Solubility (25°C)</b>	DMSO:27.5 mg/mL (183.22 mM)
<b>CAS Number</b>	147-71-7
<b>Formula</b>	C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>
<b>SMILES</b>	O[C@@H]([C@H](O)C(O)=O)C(O)=O
<b>Storage</b>	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)