

## Product Datasheet

### Arnebin 1 (orb1302734)

<b>Catalog Number</b>	orb1302734
<b>Category</b>	Small Molecules
<b>Description</b>	(Rac)-Arnebin 1, also known as beta,beta-dimethylacrylshikonin, is a bioactive shikonin derivative. It has demonstrated anti-tumor, anti-inflammatory, and hepatoprotective activities in research models, supporting its investigation in oncology, immunology, and liver disease studies.
<b>Target</b>	Others,HIF/HIF Prolyl-Hydroxylase
<b>Purity</b>	99.81% (May vary between batches)
<b>MW</b>	370.40
<b>Target Areas</b>	HIF/HIF Prolyl-Hydroxylase Others
<b>Solubility (25°C)</b>	DMSO:3.71 mg/mL (10.02 mM)
<b>CAS Number</b>	5162-01-6
<b>Formula</b>	C <sub>21</sub> H <sub>22</sub> O <sub>6</sub>
<b>SMILES</b>	<chem>O=C(OC(C1=CC(=O)C=2C(O)=CC=C(O)C2C1=O)CC=C(C)C)C=C(C)C</chem>
<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.

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