

## Product Datasheet

### Bisdesmethoxy Curcumin-d8 (orb2281004)

<b>Catalog Number</b>	orb2281004
<b>Category</b>	Small Molecules
<b>Description</b>	Bisdesmethoxy Curcumin-d8 (CAS 33171-05-0) is a deuterated analog of bisdemethoxycurcumin (BDMC), a natural curcuminoid with documented anti-inflammatory and anti-cancer properties in vitro. This compound is a valuable research tool for metabolic and pharmacokinetic studies in models of inflammation and oncology.
<b>MW</b>	316.38
<b>Formula</b>	C <sub>19</sub> H <sub>8</sub> D <sub>8</sub> O <sub>4</sub>
<b>SMILES</b>	<chem>O=C(CC(C=CC1=C([2H])C([2H])=C(O)C([2H])=C1[2H])=O)C=CC2=C([2H])C([2H])=C(O)C([2H])=C2[2H]</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)