

## Product Datasheet

### c-di-AMP (orb1710186)

<b>Catalog Number</b>	orb1710186
<b>Category</b>	Small Molecules
<b>Description</b>	c-di-AMP is a potent STING agonist that activates the TBK1-IRF3 signaling pathway upon binding. This cyclic dinucleotide is widely used in immunology and oncology research to study innate immune responses in both cellular assays and animal models.
<b>Target</b>	Others,Antibacterial,STING,Endogenous Metabolite
<b>MW</b>	658.41
<b>CAS Number</b>	54447-84-6
<b>Formula</b>	C <sub>20</sub> H <sub>24</sub> N <sub>10</sub> O <sub>12</sub> P <sub>2</sub>
<b>SMILES</b>	<chem>O[C@H]1[C@H](N2C=3C(N=C2)=C(N)N=CN3)O[C@]4([C@]1(OP(=O)(O)OC[C@]5([C@@](OP(=O)(O)OC4)([C@@H](O)[C@@H](O5)N6C=7C(N=C6)=C(N)N=CN7)[H])[H])[H])[H]</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)