

## Product Datasheet

### cyclic-di-AMP (orb533282)

|                          |   |
|--------------------------|---|
| <b>Catalog Number</b>    | orb533282   |
| <b>Category</b>          | Small Molecules   |
| <b>Description</b>       | 3',3'-cyclic AMP-AMP, c-di-AMP  |
| <b>Form/Appearance</b>   | solid; Color: white to off-white  |
| <b>Purity</b>            | ≥ 98% (HPLC)  |
| <b>MW</b>                | Theoretical MW: 658.41 g/mol (free acid); Detected MW: 658.11 g/mol (free acid)   |
| <b>Application notes</b> | <b>Spectroscopic Propertie:</b> λ <sub>max</sub> 259 nm, ε 27.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5).           |
| <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   |
| <b>SMILES</b>            | <chem>Nc1c2c(n(cn2)[C@@H]2O[C@@H]3COP(=O)(O[C@@H]4[C@@H](COP(=O)(O[C@@H]3[C@H]2O)O)[C@@H](n2c3c(nc2)c(N)ncn3)[C@@H]4O)O)ncn1</chem> |
| <b>Storage</b>           | store at -20 °C   |
| <b>Note</b>              | For research use only   |
| <b>Expiration Date</b>   | 12 months from date of receipt.   |

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