

## Product Datasheet

### N1-Methyl-ADP (orb533052)

|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | N1-Methyl-ADP                                                                                                                            |
| <b>Form/Appearance</b>   | solid; Color: white to off-white                                                                                                         |
| <b>Storage</b>           | store at -20 °C                                                                                                                          |
| <b>Note</b>              | For research use only                                                                                                                    |
| <b>Application notes</b> | <b>Spectroscopic Propertie:</b> $\lambda_{\text{max}}$ 257 nm, $\epsilon$ 14.6 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5). |
| <b>Formula</b>           | C <sub>11</sub> H <sub>17</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>                                                            |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                                             |
| <b>MW</b>                | Theoretical MW: 441.23 g/mol (free acid); Detected MW: 441.05 g/mol (free acid)                                                          |
| <b>SMILES</b>            | <chem>O[C@H]1[C@H](n2cnc3c(=N)n(cnc23)C)O[C@H](COP(=O)(O)OP(=O)(O)O)[C@H]1O</chem>                                                       |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                          |