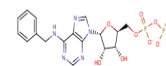


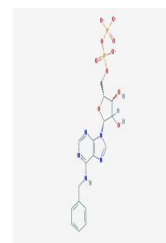
## Product Datasheet

### N6-Benzyl-ADP (orb63312)

|                          |                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | N6-Benzyl-ADP                                                                                                             |
| <b>Form/Appearance</b>   | solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5                                                     |
| <b>Concentration</b>     | 10 mM-11 mM                                                                                                               |
| <b>Storage</b>           | store at -20 °C                                                                                                           |
| <b>Note</b>              | For research use only                                                                                                     |
| <b>Application notes</b> | <b>Spectroscopic Propertie:</b> λ <sub>max</sub> 269 nm, ε 20.5 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5). |
| <b>Formula</b>           | C <sub>17</sub> H <sub>21</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>                                             |
| <b>Purity</b>            | ≥ 95% (HPLC)                                                                                                              |
| <b>MW</b>                | Theoretical MW: 517.33 g/mol (free acid); Detected MW: 517.08 g/mol (free acid)                                           |
| <b>CAS Number</b>        | 40811-89-0                                                                                                                |
| <b>SMILES</b>            | <chem>N(Cc1ccccc1)c1ncnc2n([C@@H]3O[C@H](COP(=O)(O)OP(=O)(O)O)[C@@H](O)[C@H]3O)cnc12</chem>                               |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                           |



Chemical  
Structure of  
N6-Benzyl-  
ADP



Chemical  
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N6-Benzyl-  
ADP