

## Product Datasheet

### N6-Benzyl-ATPgammaS (orb533115)

|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | N6-Benzyl-ATPgammaS                                                                                                                      |
| <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> $\lambda_{\text{max}}$ 269 nm, $\epsilon$ 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>22</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> S                                                          |
| <b>Purity</b>            | ≥ 90% (HPLC)                                                                                                                             |
| <b>MW</b>                | Theoretical MW: 613.37 g/mol (free acid); Detected MW: 613.02 g/mol (free acid)                                                          |
| <b>CAS Number</b>        | 944834-42-8                                                                                                                              |
| <b>SMILES</b>            | <chem>N(c1c2c(n([C@H]3[C@@H]([C@@H]([C@H](O3)COP(=O)(O)OP(=O)(O)OP(=S)(O)O)O)cn2)ncn1)Cc1ccccc1</chem>                                   |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                          |