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## Product Datasheet

### AP4U, CAS [[10527-48-7]] BYT-ORB64072

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| Artikelname              | AP4U, CAS [[10527-48-7]]                                                                                                                                                                                                                                                                                                                                                         |
| Artikelnummer            | BYT-ORB64072                                                                                                                                                                                                                                                                                                                                                                     |
| Hersteller Artikelnummer | orb64072                                                                                                                                                                                                                                                                                                                                                                         |
| Alternativnummer         | BYT-ORB64072-5                                                                                                                                                                                                                                                                                                                                                                   |
| Hersteller               | Biorbyt                                                                                                                                                                                                                                                                                                                                                                          |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                   |
| Produktbeschreibung      | P1-(5-Adenosyl) P4-(5-uridyl) tetraphosphate, Sodium salt...                                                                                                                                                                                                                                                                                                                     |
| Konzentration            | 10 mM-11 mM                                                                                                                                                                                                                                                                                                                                                                      |
| Molekulargewicht         | Theoretical MW: 813.35 g/mol (free acid), Detected MW: 813.02 g/mol (free acid)                                                                                                                                                                                                                                                                                                  |
| Reinheit                 | 95% (HPLC)                                                                                                                                                                                                                                                                                                                                                                       |
| Formulierung             | solution in water, Color: colorless to slightly yellow, pH: 7.5 0.5                                                                                                                                                                                                                                                                                                              |
| CAS Nummer               | [10527-48-7]                                                                                                                                                                                                                                                                                                                                                                     |
| Formel                   | C19H27N7O21P4                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung   | Application Notes: Synthesis by mutated enzyme H96G-Fhit, Formation by UTP-glucose-1-phosphate uridyltransferase, Synthesis by pyrococcus furiosus DNA ligase, TUNEL, Effector of Phosphotransferase, Inhibitor of Uridine Kinase, Vasoregulator through P2X1, P2Y2 and P2Y4 receptors. Spectroscopic Propertie: lambdamax 260 nm, epsilon 25.0 L mmol-1 cm-1 (Tris-HCl, pH 7.5) |