

## Product Datasheet

# ara-Adenosine-5'-triphosphate (ara-ATP) (orb1734180)

<b>Description</b>	Vidarabine triphosphate, Sodium Salt
<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. Short term exposure (up to 1 week cumulative) to ambient temperature possible
<b>Note</b>	For research use only
<b>Application notes</b>	Isolation from marine sponge Tethya crypta; Antiviral properties; Substrate for poly(A) polymerase (gammaPAP). <b>Spectroscopic Propertie:</b> λ <sub>max</sub> 259 nm, ε 15.3 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5).
<b>Formula</b>	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 507.18 g/mol (free acid); Detected MW: 507.00 g/mol (free acid)
<b>CAS Number</b>	3714-60-1
<b>SMILES</b>	<chem>Nc1c2c(n([C@H]3[C@H]([C@@H]([C@H](O3)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O)O)O)cn2)ncn1</chem>
<b>Expiration Date</b>	12 months from date of receipt.