

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	50817
<b>Product</b>	<b>4',4''-Diphosphopantethine</b>
<b>CAS Number</b>	2664-64-4
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>44</sub> N <sub>4</sub> O <sub>14</sub> P <sub>2</sub> S <sub>2</sub>
<b>Molecular Weight</b>	714.68

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<b>Warnings</b>	<i>Light and moisture sensitive !</i>
<b>Appearance</b>	White to light yellow crystalline powder
<b>Solubility</b>	Soluble in water
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 95.0%
<b>Storage</b>	Store at -20 °C

**For Laboratory Use Only**