

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	40727
<b>Product</b>	<b>1,5-Bis(diphenylphosphino)pentane</b> Pentamethylenebis(diphenylphosphine) 1,5-Pentanediybis[diphenylphosphine]
<b>CAS Number</b>	27721-02-4
<b>Molecular Formula</b>	C <sub>29</sub> H <sub>30</sub> P <sub>2</sub>
<b>Molecular Weight</b>	440.51

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Synonym 3</b>	Pentamethylenebis[diphenylphosphine]
<b>Appearance</b>	White to light yellow powder or crystal
<b>Solubility</b>	Soluble in DMF
<b>Melting Point</b>	43 - 46 °C
<b>Flash Point</b>	113 °C
<b>Assay by titration</b>	≥ 96%
<b>Purity by GC</b>	≥ 96%
<b>Purity by TLC</b>	≥ 97%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**