

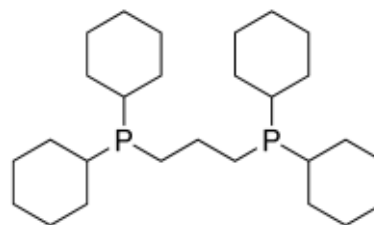
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## Product Specification

Product Name:  
1,3-Bis(dicyclohexylphosphino)propane - 95%

**Product Number:** 440418  
**CAS Number:** 103099-52-1  
**MDL:** MFCD00799482  
**Formula:** C<sub>27</sub>H<sub>50</sub>P<sub>2</sub>  
**Formula Weight:** 436.63 g/mol



### TEST

### Specification

Appearance (Color)

Colorless to Yellow and Colorless to Brown-Yellow

Appearance (Form)

Viscous Liquid to Semi-Solid

Infrared spectrum

Conforms to Structure

Phosphorus NMR Spectra

Conforms to Structure

Carbon

69.8 - 78.7 %

Specification: PRD.1.ZQ5.10000031053

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.