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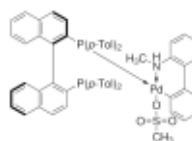
Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
(R)-TolBINAP Pd G4 - 95%

Product Number: **900472**

Formula: C<sub>62</sub>H<sub>55</sub>NO<sub>3</sub>P<sub>2</sub>PdS  
Formula Weight: 1,062.54 g/mol



TEST	Specification
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Appearance (Color)	White to Very Dark Yellow to Very Dark Red
Appearance (Form)	Powder or Crystals
<sup>1</sup> H NMR Spectrum	Conforms to Structure
<sup>31</sup> P NMR Spectrum	Conforms to Structure
Carbon Content	66.2 - 73.9 %
Nitrogen Content	
Specification: Report Only	
Sulfur Content	
Specification: Report Only	
Specific Rotation	
+ , CH <sub>2</sub> Cl <sub>2</sub>	
Specification: Report Only	
ICP Major Analysis	Confirmed
Confirms Palladium Component	

Specification: PRD.1.ZQ5.10000086076

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.