

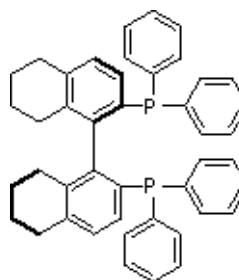
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
(R)-H<sub>8</sub>-BINAP - ≥94%

Product Number: **692387**  
CAS Number: 139139-86-9  
MDL: MFCD01630795  
Formula: C<sub>44</sub>H<sub>40</sub>P<sub>2</sub>  
Formula Weight: 630.74 AMU



### TEST

### Specification

Appearance (Color)	White to Beige
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure
Optical Rotation	69.0 - 79.0 deg
c = 0.5%; Toluene	
Purity (HPLC)	≥ 94.0 %
Supplier information	Confirmed
Product of TAKASAGO International Corporation	

Specification: PRD.0.ZQ5.10000021416

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.