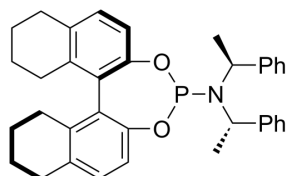


Certificate of Analysis

Product Name:	(11bR)-N,N-Bis((S)-1-phenylethyl)-8,9,10,11,12,13,14,15-octahydrodinaphtho[2,1-d:1',2'-f][1,3,2]di-oxaphosphepin-4-amine
Cat. No.:	CS-0108672
CAS No.:	1021439-60-0
Batch No.:	Lf1010173534

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₆ H ₃₈ NO ₂ P
Molecular Weight:	547.67
Storage:	2-8°C, protect from light, stored under nitrogen
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA