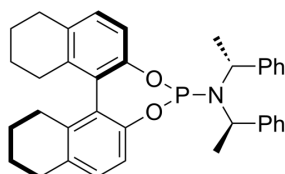


Certificate of Analysis

Product Name:	(11bR)-N,N-bis((R)-1-phenylethyl)-8,9,10,11,12,13,14,15-octahydrodiphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphin-4-amine
Cat. No.:	CS-0087683
CAS No.:	1389329-66-1
Batch No.:	Lc0909098

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):	≥95.0%
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.

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