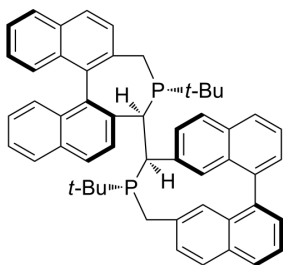


Certificate of Analysis

Product Name:	(S)-BINAPINE
Cat. No.:	CS-0034990
CAS No.:	528854-26-4
Batch No.:	Lg04g9912
Chemical Name:	3,3'-Bi-3H-dinaphtho[2,1-c:1',2'-e]phosphepin, 4,4'-bis(1,1-dimethylethyl)-4,4',5,5'-tetrahydro-, (3R,3'R,4S,4'S,11bS,11'bS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₅₂ H ₄₈ P ₂
Molecular Weight:	734.89
Storage:	2-8°C, protect from light, stored under nitrogen
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to light yellow (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.

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