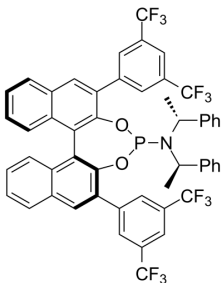


Certificate of Analysis

Product Name:	(11bS)-2,6-bis[3,5-bis(trifluoromethyl)phenyl]-N,N-bis[(1R)-1-phenylethyl]-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-amine
Cat. No.:	CS-0093193
CAS No.:	1642864-21-8
Batch No.:	Ld081114951

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₅₂ H ₃₄ F ₁₂ NO ₂ P
Molecular Weight:	963.79
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.

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