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Product Specifications

Catalogue Number	41153
Product	(S)-(-)-5,5'-Bis[di(3,5-xylyl)phosphino]-4,4'- (S)-(-)-4,4'-Bis[di(3,5-xylyl)phosphino]-3,3'-bi(1,2- (S)-DM-SEGPHOS
CAS Number	210169-57-6
Molecular Formula	C ₄₆ H ₄₄ O ₄ P ₂
Molecular Weight	722.8

Warnings	<i>Air sensitive! Store under inert gas!</i>
Appearance	White to yellow to orange powder to crystal
Optical Rotation	$[\alpha]^{20}_{\text{D}} = -61 \pm 2^{\circ}$ (C = 0.1 in CHCl ₃)
¹H NMR	Conforms to structure
³¹P NMR	Conforms to structure
Purity by HPLC	≥ 95%
Chiral Purity	≥ 99% (ee)
Storage	Store at RT

For Laboratory Use Only