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Product Specifications

Catalogue Number	41653
Product	(2S,4R)-1-(tert-Butoxycarbonyl)-4-hydroxy-2- (2S,4R)-1-Boc-4-hydroxy-2-(hydroxymethyl)pyrrolidine <i>N</i> -(tert-Butoxycarbonyl)-trans-4-hydroxy-L-prolinol
CAS Number	61478-26-0
Molecular Formula	C ₁₀ H ₁₉ NO ₄
Molecular Weight	217.27
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Synonym 3	<i>N</i> -Boc-trans-4-hydroxy-L-prolinol
Synonym 4	<i>tert</i> -Butyl (2S,4R)-4-Hydroxy-2-(hydroxymethyl)pyrrolidine-1-carboxylate
Appearance	White to yellow to orange powder to lump
Solubility	Soluble in chloroform
Melting Point	82 - 87 °C
Optical Rotation	[α] _{20D} = -47 to -44 ° (C = 1 in CHCl ₃)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by GC	≥ 96%
Storage	Store at RT

For Laboratory Use Only