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Product Specifications

Catalogue Number	41677
Product	<i>N</i>-Carbobenzoxy-<i>trans</i>-4-hydroxy-<i>L</i>-prolinol <i>N</i> -Cbz- <i>trans</i> -4-hydroxy- <i>L</i> -prolinol Benzyl (2 <i>S</i> ,4 <i>R</i>)-4-hydroxy-2-(hydroxymethyl)pyrrolidine-1-
CAS Number	95687-41-5
Molecular Formula	C ₁₃ H ₁₇ NO ₄
Molecular Weight	251.28

Warnings	<i>Air sensitive! Store under inert gas!</i>
Synonym 3	(2 <i>S</i> ,4 <i>R</i>)-4-Hydroxy-2-(hydroxymethyl)pyrrolidine-1-carboxylic acid benzyl ester
Synonym 4	<i>N</i> -Benzyloxycarbonyl- <i>trans</i> -4-hydroxy- <i>L</i> -prolinol
Appearance	Colorless to light orange to yellow clear liquid
Boiling point	240 °C (Lit.)
Flash Point	216 °C
Density	1.29 g/mL at 25 °C (Lit.)
Refractive Index	n ²⁰ _D 1.54
Optical Rotation	[α] _{20D} = -46 to -42 ° (C = 1 in CHCL ₃)
Infrared Spectrum	Conforms to structure
Purity by GC	≥ 95%
Storage	Store at RT

For Laboratory Use Only