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Product Specifications

Catalogue Number	01879
Product	D-Sphingosine (2 <i>S</i> ,3 <i>R</i> , <i>E</i>)-2-Amino-4-octadecene-1,3-diol
CAS Number	123-78-4
Molecular Formula	C ₁₈ H ₃₇ NO ₂
Molecular Weight	299.5

Warnings	<i>Air sensitive! Heat sensitive! Store under inert gas!</i>
Appearance	White to light yellow powder
Solubility	Soluble in chloroform
Melting Point	74 °C
Optical Rotation	$\alpha_{D}^{20} = -3.0$ to -0.9° (C=1 in CHCl ₃)
Purity by GC	≥ 96%
Purity by TLC	≥ 98%
Storage	Store at ≤ -4 °C

For Laboratory Use Only