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Product Specifications

Catalogue Number	32360
Product	<i>N</i>-Acetyl-2,3-dehydro-2-deoxyneuraminic acid 2,3-Dehydro-2-deoxy- <i>N</i> -acetylneuraminic acid DANA
CAS Number	24967-27-9
Molecular Formula	C ₁₁ H ₁₇ NO ₈
Molecular Weight	291.25

Warnings	<i>Heat sensitive!</i>
Appearance	White powder
Appearance of Solution	Colorless solution
Solubility (Turbidity)	Clear solution (50 mg/ml in water)
Elemental Analysis (Theory)	C = 44.0 - 46.8 % (anhydrous) N = 4.5 - 5.1 % (anhydrous)
Water Content (Karl Fisher)	≤ 5.0%
Optical Rotation	[α] _D ²⁰ = + 40.8 to +51.0° (C=0.66 in water)
¹H NMR	Conforms to structure
Purity by TLC	≥ 93%
Storage	Store at ≤ -10 °C

For Laboratory Use Only