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Product Specifications

Catalogue Number	41601
Product	D-(+)-Neopterin D-erythro-Neopterin
CAS Number	2009-64-5
Molecular Formula	C ₉ H ₁₁ N ₅ O ₄
Molecular Weight	253.21

Appearance	White to off-white powder
Solubility	Soluble in DMSO, 0.05M NaOH, 1M HCl, aqueous acid, and water
Refractive Index	n_D^{20} 1.86
Optical Rotation	$[\alpha]_{22/D} = 52 \pm 2^\circ$ (C = 0.3 in 0.1 M HCl)
Infrared Spectrum	Conforms to structure
Purity by HPLC	$\geq 97.5\%$
Chiral Purity	$\geq 97.5\%$ (ee)
Storage	Store at 2 - 8 °C

For Laboratory Use Only