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Product Specifications

Catalogue Number	42211
Product	Protopine
CAS Number	130-86-9
Molecular Formula	C ₂₀ H ₁₉ NO ₅
Molecular Weight	353.37

Warnings	<i>Heat sensitive!</i>
Appearance	White, light gray or light yellow crystalline powder
Solubility	Soluble in chloroform. Slightly soluble in ethanol, benzene. Insoluble in water
Melting Point	201 - 205 °C
Elemental Analysis (Theory)	C=60.0 - 63.2%, N=3.2 - 3.9%
Optical Rotation	$\alpha_{D}^{20} = 0^{\circ}$ (C=0.55 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Purity by GC	≥ 98%
Storage	Store at 2 - 8 °C
Additional Information	$\lambda_{max} = 288(\text{MeOH}) \text{ nm}$

For Laboratory Use Only