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Product Specifications

Catalogue Number	41444
Product	(+)-Catechin hydrate (+)-Cyanidol-3 hydrate (+)-3,3',4',5,7-Flavanpentol hydrate
CAS Number	225937-10-0
Molecular Formula	C ₁₅ H ₁₄ O ₆ •xH ₂ O
Molecular Weight	290.27

Appearance	White to light brown powder
Melting Point	175 - 177 °C (anhydrous) (Lit.)
Water Content (Karl Fisher)	≤ 8%
Optical Rotation	[α] _D = 26 ± 2 ° (C = 1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Purity by HPLC	≥ 96%
Storage	Store at 2 - 8 °C

For Laboratory Use Only