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Product Specifications

Catalogue Number	41782
Product	1,1'-Diethyl-2,2'-cyanine iodide 1-Ethyl-2-[(1-ethyl-2(1 <i>H</i>)-quinolinylidene)methyl]quinolinium iodide Decynium 22
CAS Number	977-96-8
Molecular Formula	C ₂₃ H ₂₃ IN ₂
Molecular Weight	454.35

Warnings	<i>Light sensitive!</i>
Synonym 3	Pseudocyanine iodide
Synonym 4	Pseudoisocyanine iodide
Appearance	Dark red or dark green powder
Solubility	Soluble 10 mg/mL in ethanol
Melting Point	273 °C (dec.)
Infrared Spectrum	Conforms to structure
Purity by HPLC	≥ 98%
Purity	≥ 97%
Grade	suitable for Hematology & Histology
Storage	Store at RT
Additional Information	ϵ (extinction coefficient) = ≥25000 (ethanol), λ_{\max} = 524 nm

For Laboratory Use Only