

neoFroxx GmbH

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Specification

Product	Propidium iodide for biochemistry
Product number	1246
Synonyms	3,8-Diamino-5-(3-diethylaminopropyl)-6-phenyl-phenanthridinium iodide methiodide
Formula	C ₂₇ H ₃₄ I ₂ N ₄
Molecular weight	668.40 g/mol
CAS number	25535-16-4
Storage	-20 °C long-term storage. Protect from light.
Retest period (months)	48
Parameter	Specification
Assay (HPLC)	>= 94 %
Appearance	red powder
Melting range	220 - 225°C
Emission maximum (0.1 M phosphate pH 7.0)	approx. 620 nm
Extinction maximum (0.1 M phosphate pH 7.0)	approx. 535 nm

Einhausen, 20.03.2025