

Catalog Number P1304MP
Product Name propidium iodide
CAS Number / Name 25535-16-4 / Phenanthridinium, 3,8-diamino-5-[3-(diethylmethylammonio)propyl]-6-phenyl-, diiodide
Molecular Formula C₂₇H₃₄I₂N₄
Molecular Weight 668.4
Appearance purple solid
Lot Number 1899781

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	492 nm 6000 cm ⁻¹ M ⁻¹	493 ± 4 nm 6000 ± 300 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	635 nm	635 ± 4 nm
HPLC Purity	96 % at 254 nm	≥ 92 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1783173	N/A

1. Solvent: Buffer, 50 mM potassium phosphate (pH 7).



Rachel Smith, Quality Assurance Manager

14-Jun-2016

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.