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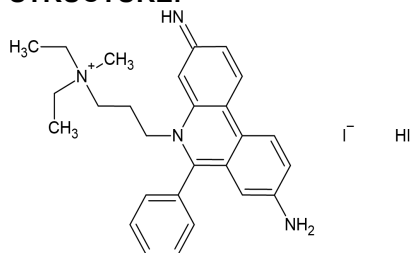
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Propidium iodide

ALTERNATE NAME: 3-(3,8-diamino-6-phenylphenanthridin-5-ium-5-yl)propyl-diethyl-methylazanium; diiodide; PI

CATALOG #: AUR10820

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₃₄I₂N₄

MOLECULAR WEIGHT: 668.39

CAS#: 25535-16-4

APPEARANCE: Dark red solid

SOLUBILITY: Water (~ 1 mg/ml)

PURITY: ≥94% by HPLC

STORAGE: Store at +2-8°C. Protect from air and light

DESCRIPTION: Propidium iodide is a fluorescent stain for nucleic acids. Propidium iodide may be used in flow cytometry to evaluate cell viability when used with other dyes that stain viable cells or cells that are early in the apoptosis process.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure