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Propidium Iodide

National Cancer Institute

Source

National Cancer Institute. *Propidium Iodide*. NCI Thesaurus. Code C72903.

A fluorescent nucleic acid dye which binds only to double-stranded nucleic acids. It has a molecular weight of 668.4, an absorbance maximum of 535nm, and an emission maximum of 617 nm. It is commonly used to determine the DNA content of a cell or to discriminate viable from non-viable cells.