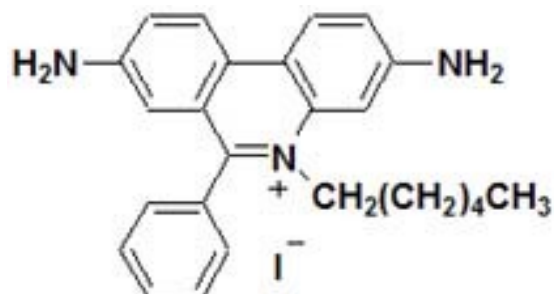


## Hexidium Iodide

Nucleic acid stain

### Product Description

<b>Name :</b>	<b>Hexidium Iodide</b> Phenanthridinium, 3,8-diamino-5-hexyl-6-phenyl-, iodide
<b>Catalog Number :</b>	FP-38915A, 5mg
<b>Molecular Weight :</b>	MW= 497.42 C <sub>25</sub> H <sub>28</sub> IN <sub>3</sub>
<b>Solubility:</b>	DMSO, DMF and CH <sub>3</sub> OH
<b>Fluorescence:</b>	$\lambda_{exc} \backslash \lambda_{em}$ (pH 7) = 482/624nm



**Storage:** Room temperature  
Protect from light and moisture

### Introduction

Hexidium Iodide can be used as “dead stain” for cells with compromised membranes.

### Directions for use

#### Directions for Use

- Spin down the cells and resuspend with hexidium iodide (15-30 µg/ml)
- Incubate at room temperature for 15 min
- Read fluorescence with excitation at 483 nm and emission at 626 nm

Other protocols may be found in the litterature.

#### References

- **Capestany C.**, *et al.*, Role of the Clp System in Stress Tolerance, Biofilm Formation, and Intracellular Invasion in *Porphyromonas gingivalis*, *J. Bacteriol.*, 190: 1436 - 1446 (2008) [Abstract](#)
- **Daep C.** *et al.*, Structural Characterization of Peptide-Mediated Inhibition of *Porphyromonas gingivalis* Biofilm Formation, *Infect. Immun.*, 74: 5756 - 5762 (2006) [Article](#)
- **Hasona A.** *et al.*, Membrane Composition Changes and Physiological Adaptation by *Streptococcus mutans* Signal Recognition Particle Pathway Mutants, *J. Bacteriol.*, 189: 1219 - 1230 (2007) [Article](#)
- **Shanks R.** *et al.*, A *Serratia marcescens* OxyR Homolog Mediates Surface Attachment and Biofilm Formation, *J. Bacteriol.*, 189: 7262 - 7272 (2007) [Article](#)
- **Simionato R.** *et al.*, *Porphyromonas gingivalis* Genes Involved in Community Development with *Streptococcus gordonii*, *Infect. Immun.*, 74: 6419 - 6428 (2006) [Article](#)

#### Related / associated products and documents

See [BioSciences Innovations catalogue](#) and [e-search tool](#).

- Live/Dead Bacterial viability kit, [FP-BU1040](#)
- [CoverWell Chambers](#)
- PBS powder, [UP68723A](#)

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[Catalog size quantities and prices may be found at www.interchim.com/](http://www.interchim.com/)

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