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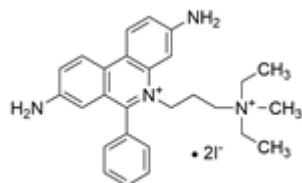
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 42535 |
| Product | Propidium iodide solution ((1.0 mg/ml in 3,8-Diamino-5-(3-diethylaminopropyl)-6-phenylphenanthridinium 3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6- |
| CAS Number | 25535-16-4 |
| Molecular Formula | C ₂₇ H ₃₄ I ₂ N ₄ |
| Molecular Weight | 668.39 |

| | |
|-------------------------------|--|
| Appearance | Orange red liquid |
| UV Ratios | λ(Potassium phosphate buffer) : 493 ± 2 nm λ _{max.} : ≥ 5900 |
| Purity by HPLC | ≥ 95% |
| Purity by TLC | ≥ 95% (Single spot) |
| Storage | Store at 2 - 8 °C |
| Additional Information | Optical density : 8.4 - 8.6 (1 mg/mL in water) |

For Laboratory Use Only