



Specification

p-Iodonitrotetrazolium Violet (INT)

Catalog Number: IV1002
CAS Number: 146-68-9
Synonym(s): INT; 2-(4-Iodophenyl)-3-(4-nitrophenyl)-5-phenyltetrazolium chloride
Molecular Formula: C₁₉H₁₃ClIN₅O₂
Molecular Weight: 505.70

| Test | Specification |
|-------------------------------------------|----------------------------------------------|
| Appearance: | Off-white to light yellow crystalline powder |
| Assay (HPLC): | 99.0% minimum |
| Identification (IR): | Conforms to structure |
| UV-vis (water /250nm) | >34,000 |
| Residue on Ignition: | 0.1% |
| Solubility: (4mg/ML, H ₂ O) | Clear (Yellow to Yellow-Green) |

Approved:

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