

NS6130-12-000742

Quick Facts

| | | |
|-------------------|---|--|
| Product | : | Trioctylphosphine Oxide |
| Stock No | : | NS6130-12-000742 |
| CAS | : | 78-50-2 |
| Molecular Formula | : | [CH ₃ (CH ₂) ₇] ₃ PO |
| Purity | : | 99% |

Technical Specification

| Molecular Weight | Density | Melting Point |
|------------------|-----------------------|---------------|
| 386.64g/mol | 0.88g/cm ³ | 50-52°C |

Trioctylphosphine oxide (TOPO) is an organophosphorus compound with the chemical formula (C₈H₁₇)₃PO. TOPO is used as a ligand to stabilize the surface of the nanocrystals and prevent their agglomeration. It is also used as a precursor in the synthesis of other organophosphorus compounds and as a catalyst in organic reactions. TOPO is widely used as a solvent, extraction agent, and surfactant in various chemical and industrial processes.

TRIOCTYLPHOSPHINE Oxide

Purity
99%



Speciality
CHEMICALS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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