

**Product Name:** 3-Methyl-1-phenyl-2-phospholene 1-oxide, 94%  
**Catalog Number:** A11792.06

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**CAS Number:** 707-61-9  
**IUPAC Name:** 4-methyl-1-phenyl-2,3-dihydro-1H-1 $\lambda$ <sup>5</sup>-phosphol-1-one  
**Molecular Formula:** C<sub>11</sub>H<sub>13</sub>OP  
**Molecular Weight:** 192.20  
**InChI Key:** YMKWWHFRGALXLE-UHFFFAOYNA-N  
**SMILES:** CC1=CP(=O)(CC1)C1=CC=CC=C1  
**Synonym:** 3-methyl-1-phenyl-4,5-dihydro-1 $\lambda$ <sup>5</sup>-phosphol-1-one

### Product Specification

**Appearance (Color):** White to cream  
**Form:** Crystals or powder or crystalline powder  
**Melting Point (clear melt):** 57-66°C  
**Identification (FTIR):** Conforms  
**Assay (GC):**  $\geq$ 92.0%

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**Date Of Print:** 04/24/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*