

**Product Name:** 4,6-Bis(diphenylphosphino)phenoxazine, 98+%  
**Catalog Number:** H27330.06

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**CAS Number:** 261733-18-0  
**IUPAC Name:** 4,6-bis(diphenylphosphanyl)-10H-phenoxazine  
**Molecular Formula:** C<sub>36</sub>H<sub>27</sub>NOP<sub>2</sub>  
**Molecular Weight:** 551.57  
**MDL Number:** MFCD03788937  
**InChI Key:** HSWZLYXRAOXOLL-UHFFFAOYSA-N  
**SMILES:** N1C2=C(OC3=C1C=CC=C3P(C1=CC=CC=C1)C1=CC=CC=C1)C(=CC=C2)P(C1=CC=CC=C1)C1=CC=CC=C1  
**Synonym:** 4,6-bis(diphenylphosphanyl)-10H-phenoxazine

## Product Specification

**Appearance (Color):** White to cream or pale yellow or pale green or green/grey  
**Form:** Crystals or powder or crystalline powder  
**Assay by NMR:** ≥98.0%  
**Identification (FTIR):** Conforms  
**Melting Point:** 243-259°C (may decompose).  
**Proton NMR:** Conforms to structure  
**Phosphorus-31 NMR:** Conforms to structure

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**Date Of Print:** 05/27/2025

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