

**Product Name:** Diethyl 1-naphthylmethylphosphonate, 90+%  
**Catalog Number:** L05286.18

---

**CAS Number:** 53575-08-9  
**IUPAC Name:** diethyl [(naphthalen-1-yl)methyl]phosphonate  
**Molecular Formula:** C<sub>15</sub>H<sub>19</sub>O<sub>3</sub>P  
**Molecular Weight:** 278.29  
**InChI Key:** AFNZPMQIKMSUTD-UHFFFAOYSA-N  
**SMILES:** CCOP(=O)(CC1=C2C=CC=CC2=CC=C1)OCC  
**Synonym:** diethyl naphthalen-1-ylmethylphosphonate

### Product Specification

**Appearance (Color):** Clear colorless to pale yellow  
**Form:** Viscous liquid  
**Assay (GC):** > 90.0%  
**Refractive Index:** 1.5565 - 1.5655 @ 20°C

---

**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.*