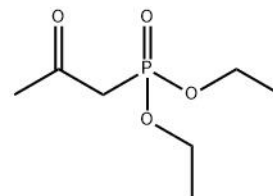


Technical Data Sheet

Diethyl (2-oxopropyl)phosphonate

Compound Information

Product Name:	Diethyl (2-oxopropyl)phosphonate
CAS No.:	1067-71-6
Molecular Formula:	C ₇ H ₁₅ O ₄ P
Molecular Weight:	194.17
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Colorless to pale yellow liquid
Solubility	Miscible with tetrahydrofuran, ether, dichloromethane and chloroform.
Boiling Point	126 °C/9 mm Hg(lit.)
Flash Point	> 113 °C
Density	1.01 g/mL at 25 °C(lit.)
Refractive Index	<i>n</i> _{20/D} 1.433(lit.)
Purity by GC	≥ 96%
1H NMR	Pass test
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.