

# Certificate of Analysis

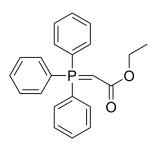
## Ethyl (triphenylphosphoranylidene) acetate

Cat. No.:	HY-76446
CAS No.:	1099-45-2
Batch No.:	149993
Chemical Name:	Acetic acid, 2-(triphenylphosphoranylidene)-, ethyl ester

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>22</sub> H <sub>21</sub> O <sub>2</sub> P
Molecular Weight:	348.37
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

### **Chemical Structure:**



### **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.43%
Water(KF):	0.11%
Conclusion:	The product has been tested and complies with the given specifications.

#### Caution: Product has not been fully validated for medical applications. For research use only.

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