

Certificate of Analysis

2-(Triphenylphosphoranylidene)acetaldehyde

Cat. No.: HY-75884 CAS No.: 2136-75-6 Batch No.: 121741

Chemical Name: Acetaldehyde, 2-(triphenylphosphoranylidene)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{17}OP$ Molecular Weight: 304.32

Storage: -20°C, stored under nitrogen

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

ANALYTICAL DATA

Off-white to light brown (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.70%

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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