

Version-0

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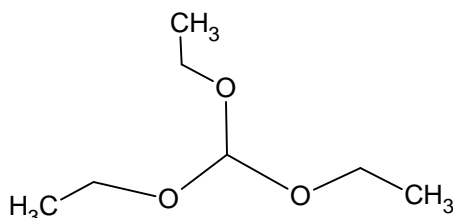
SPECIFICATION

CAS NO: - 122-51-0

Chemical Name: Triethyl Orthoformate

1,1,1-Triethoxymethane

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Structure: -



Molecular Formula

$C_7H_{16}O_3$

Molecular Weight

148.2 g/mol

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Appearance

Colourless liquid.

Assay by GC

Not less than 98.0%

Density (@ 20°C)

0.890 - 0.894

Boiling Point

142 °C - 144 °C

Solubility

Soluble in alcohol and ether.

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Storage

Store in cool and dry place in tightly closed container.

Application

Triethyl orthoformate is used in Bodroux-Chichibabin aldehyde synthesis to prepare an aldehyde with one carbon higher by reacting with Grignard reagent.