

TRIMETHYL ORTHOACETATE (TMOAC)



CAS Number: 1445-45-0

Other Names: 1,1,1-Trimethoxyethane; Orthoacetic Acid Trimethyl Ester

Formula: $C_5H_{12}O_3$

PRODUCT INTRODUCTION

Triethyl orthoacetate is the ethyl orthoester of acetic acid. It is an oily liquid with a colour that is anywhere from yellow to colorless. Triethyl orthoacetate is used in organic synthesis for the introduction of the acetate group to an alcohol.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Transparent Liquid
Assay \geq	99.4 %
Water \leq	0.01 %

APPLICATIONS

- Trimethyl orthoacetate has been used in the preparation of 2-amino-9-(3-acyloxymethyl-4-alkoxycarbonyloxybut-1-yl)purines and 2-amino-9-(3-alkoxycarbonyl-oxymethyl-4-alkoxycarbonyloxybut -1-yl)purines
 - Mainly used as chemical intermediate of pharmaceutical and agricultural chemicals.
 - Used for compound medical intermediates of vitamin B1, vitamin A1 and sulfanilamide.
 - Used in dye and spices industry, Medicine, agricultural chemicals and as paint additives.
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PACKAGING OPTIONS

Drums

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