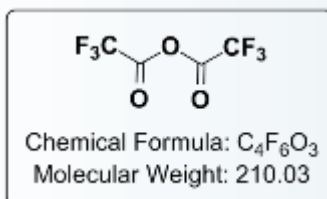


Trifluoroacetic Anhydride (TFAA)

Product Numbers: 12201-10x1, 12201-25, 12201-100

Product Information Bulletin



Product Background

Alternative Names: TFAA, Trifluoroacetic acid anhydride

Trifluoroacetic anhydride (TFAA) is a useful acylation reagent commonly used to derivatize compounds prior to gas chromatography. TFAA has utility as a protecting reagent that is reactive towards amines, alcohols and phenolic compounds. After TFAA derivatization of a compound containing these polar functional groups has occurred, the analytes peak shape is generally more symmetrical, sharper and has a lower boiling point, reducing the potential for overlap with other compounds. Additionally, the presence of the fluorine atoms in the derivatized compounds, increases the analytes detectability when analyzed with a GC utilizing an electron capture detector (ECD).

General Protocol - TFAA Ampule Guidelines

1. Carefully snap the top off of the glass ampule with thumb or ampule snapper, and dispose of the glass top.
2. Remove the desired quantity with a pipette or syringe.
3. Add TFAA to the desired reaction.
4. Dispose of any unused reagent in accordance with local chemical disposal laws.

Notes and Hazardous Warning

Refer to MSDS prior to using this chemical.

TFAA is corrosive and dangerous by inhalation of vapors. Please take suitable precautions.

Product Description

Package Size and Product Numbers

10x1 g.....	12201-10x1
25 grams.....	12201-25
100 grams.....	12201-100

Product Name: TFAAA

CAS Number:.....407-25-0

Product Specifications

- Visual: Clear, Colorless liquid
- Gas Chromatography: $\geq 99.0\%$

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