

## Methyl Trifluoroacetate

CAS No. 431-47-0

Methyl trifluoroacetate is the methyl ester of trifluoroacetic acid. It is used as an intermediate in the preparation of pharmaceutically active molecules.

### Specifications

|                             |              |
|-----------------------------|--------------|
| Assay by Gas Chromatography | 99% minimum  |
| Acidity                     | 0.1% maximum |
| Color (APHA)                | 100 maximum  |
| Appearance                  | Clear liquid |

### Physical Properties

|                   |                                    |
|-------------------|------------------------------------|
| Chemical Formula: | CF <sub>3</sub> COOCH <sub>3</sub> |
| Mol. Wt.:         | 128.05                             |
| Boiling Pt.:      | 43 °C                              |
| Melting Pt.:      | Not determined                     |
| Flash Pt.:        | -7 °C                              |
| Density:          | 1.27 g/cm <sup>3</sup>             |

### Packaging

Contact Customer Service

### Typical chemistry and uses

It is used as an intermediate in the synthesis of pharmaceutical and agricultural chemicals. The chemical reactions usually involve nucleophilic substitution of the ester and are useful for the preparation of trifluoroacylated compounds.