



>>Derivative: Difluoride

>>Derivative: Monochloride

Synonym(s): Chlorooxoacetic acid, 9Cl. Chloroglyoxylic acid, 8Cl. (Chlorocarbonyl)formic acid. Oxalic monochloride

CAS Registry Number: 4732-69-8

Molecular Formula: C₂HClO₃

Molecular Weight: 108.481

Accurate Mass: 107.961422

Percentage Composition: C 22.14%; H 0.93%; Cl 32.68%; O 44.25%

Other Data: Obt. as Me ester

>>Derivative: Chloride-Me ester

Synonym(s): Methyl chlorooxoacetate. Methoxalyl chloride

CAS Registry Number: 5781-53-3

Molecular Formula: C₃H₃ClO₃

Molecular Weight: 122.508

Accurate Mass: 121.977072

Percentage Composition: C 29.41%; H 2.47%; Cl 28.94%; O 39.18%

Physical Description: Fuming liq.

Boiling Point: Bp 118-120° (125°)

Aldrich: 15144-0

Fluka: 75754

>>Derivative: Chloride-Et ester

Synonym(s): Ethyl chlorooxoacetate. Ethoxalyl chloride

CAS Registry Number: 4755-77-5

Molecular Formula: C₄H₅ClO₃

Molecular Weight: 136.534

Accurate Mass: 135.992722

Percentage Composition: C 35.19%; H 3.69%; Cl 25.97%; O 35.15%

Use/Importance: Used in the synthesis of triazopyridazines

Physical Description: Liq.

Boiling Point: Bp 135°

Density: d₄²⁰ 1.223

Hazard & Toxicity: Lachrymator

Aldrich: E4310-1

Fluka: 75753

Sigma: E6503

>>Derivative: Chloride-Et ester, oxime

>>Derivative: Dichloride

>>Derivative: Dibromide

Synonym(s): Oxalyl bromide