



>>Entry Name: Hydroxycarbamic acid, 9CI, 8CI

CAS Registry Number: 4464-01-1
HONHCOOH

Molecular Formula: CH₃NO₃

Molecular Weight: 77.04

Accurate Mass: 77.011294

Percentage Composition: C 15.59%; H 3.92%; N 18.18%; O 62.30%

>>Derivative: Me ester

>>Derivative: Et ester

Synonym(s): Ethyl *N*-hydroxycarbamate. *N*-Hydroxyurethane

CAS Registry Number: 589-41-3

Molecular Formula: C₃H₇NO₃

Molecular Weight: 105.093

Accurate Mass: 105.042594

Percentage Composition: C 34.29%; H 6.71%; N 13.33%; O 45.67%

Boiling Point: Bp₃ 113-116°. Bp_{0.6} 86-88°

Density: d₄²² 1.23

Refractive Index: n_D²² 1.4478

Aldrich: 11947-4

Fluka: 56620

>>Derivative: Propyl ester

Synonym(s): Propyl *N*-hydroxycarbamate

CAS Registry Number: 589-85-5

Molecular Formula: C₄H₉NO₃

Molecular Weight: 119.12

Accurate Mass: 119.058244

Percentage Composition: C 40.33%; H 7.62%; N 11.76%; O 40.29%

Boiling Point: Bp_{0.6} 90-92°

Density: d₄²² 1.16

Refractive Index: n_D²² 1.4484

>>Derivative: Butyl ester

Synonym(s): Butyl *N*-hydroxycarbamate

CAS Registry Number: 590-03-4

Molecular Formula: C₅H₁₁NO₃

Molecular Weight: 133.147

Accurate Mass: 133.073894

Percentage Composition: C 45.10%; H 8.33%; N 10.52%; O 36.05%

Boiling Point: Bp_{0.8} 100-102°

Density: d₄²² 1.099

Refractive Index: n_D²² 1.4473

>>Derivative: *tert*-Butyl ester

>>Derivative: Benzyl ester