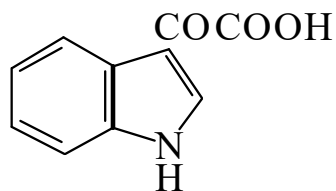




>>Entry Name: α -Oxo-1*H*-indole-3-acetic acid, 9CI

Synonym(s): 2-(3-Indolyl)glyoxylic acid



CAS Registry Number: 1477-49-2

Molecular Formula: C₁₀H₇NO₃

Molecular Weight: 189.17

Accurate Mass: 189.042594

Percentage Composition: C 63.49%; H 3.73%; N 7.40%; O 25.37%

Physical Description: Yellow cryst.

Melting Point: Mp 215 dec.°

Aldrich: 22001-9

Sigma: I2750

>>Derivative: Me ester

CAS Registry Number: 18372-22-0

Molecular Formula: C₁₁H₉NO₃

Molecular Weight: 203.197

Accurate Mass: 203.058244

Percentage Composition: C 65.02%; H 4.46%; N 6.89%; O 23.62%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 230°

>>Derivative: Me ester, *N*-Ac

CAS Registry Number: 66946-85-8

Molecular Formula: C₁₃H₁₁NO₄

Molecular Weight: 245.234

Accurate Mass: 245.068809

Percentage Composition: C 63.67%; H 4.52%; N 5.71%; O 26.10%

Melting Point: Mp 130-132°

>>Derivative: Et ester

CAS Registry Number: 51079-10-8

Molecular Formula: C₁₂H₁₁NO₃

Molecular Weight: 217.224

Accurate Mass: 217.073894

Percentage Composition: C 66.35%; H 5.10%; N 6.45%; O 22.10%

Melting Point: Mp 186°

Rare Chemicals Library: S34922-4

>>Derivative: Chloride

CAS Registry Number: 22980-09-2

Molecular Formula: C₁₀H₆ClNO₂

Molecular Weight: 207.616

Accurate Mass: 207.008706

Percentage Composition: C 57.85%; H 2.91%; Cl 17.08%; N 6.75%; O 15.41%

Melting Point: Mp 138-139°

>>Derivative: Amide

CAS Registry Number: 5548-10-7

Molecular Formula: C₁₀H₈N₂O₂

Molecular Weight: 188.185

Accurate Mass: 188.058578

Percentage Composition: C 63.83%; H 4.28%; N 14.89%; O 17.00%

Melting Point: Mp 248°. Mp 252 dec.°

Rare Chemicals Library: S32702-6

Sigma: I2625