



CAS Registry Number: 582-33-2

Molecular Formula: $C_9H_{11}NO_2$

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Oil

Boiling Point: Bp 294°. Bp₅ 144°

Aldrich: E1050-5

>> **Derivative:** Et ester, methanesulfonate salt (1:1)

Synonym(s): Tricaine. Metacain. Finquel. MS 222. TS 222

CAS Registry Number: 886-86-2

Use/Importance: Anaesthetic for fish

Physical Description: Cryst. (EtOH/EtOAc)

Melting Point: Mp 149-150°

>> **Derivative:** Chloride

CAS Registry Number: 21563-72-4

Molecular Formula: C_7H_6ClNO

Molecular Weight: 155.583

Accurate Mass: 155.013791

Percentage Composition: C 54.04%; H 3.89%; Cl 22.79%; N 9.00%; O 10.28%

Melting Point: Mp 42°

Boiling Point: Bp₁₅ 125°

>> **Derivative:** Amide

CAS Registry Number: 3544-24-9

Molecular Formula: $C_7H_8N_2O$

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Cryst. (C_6H_6)

Melting Point: Mp 115°

Aldrich: 25301-4

Sigma: A0788