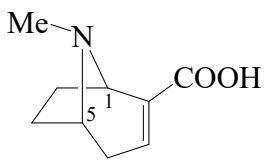
>>**Entry Name: 8-Methyl-8-azabicyclo[3.2.1]oct-2-ene-2-carboxylic acid**
Synonym(s): Anhydroecgonine. Ecgonidine



(1*R*)-*form*

Molecular Formula: $C_9H_{13}NO_2$
Molecular Weight: 167.207
Accurate Mass: 167.094629
Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%
Biological Use/Importance: Topical anaesthetic
pKa Value: pK_{a1} 3.8; pK_{a2} 9.8

>>**Variant:** (1*R*)-form
Synonym(s): (–)-form

CAS Registry Number: 484-93-5
Molecular Formula: $C_9H_{13}NO_2$
Molecular Weight: 167.207
Accurate Mass: 167.094629
Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%
Source/Synthesis: Obt. semisynthetically from Cocaine
Physical Description: Cryst. (MeOH/EtOH)
Melting Point: Mp 235 dec.°
Optical Rotation: $[\alpha]_D^{14}$–84.6

>>**Derivative:** Hydrochloride

CAS Registry Number: 74242-55-0
Physical Description: Needles (EtOH) or tablets (H_2O)
Melting Point: Mp 240-241°
Optical Rotation: $[\alpha]_D^{25}$–62.7 (H_2O)

>>**Derivative:** Me ester

CAS Registry Number: 43021-26-7
Molecular Formula: $C_{10}H_{15}NO_2$
Molecular Weight: 181.234
Accurate Mass: 181.110279
Percentage Composition: C 66.27%; H 8.34%; N 7.73%; O 17.66%
Boiling Point: Bp_7 107°

>>**Derivative:** Et ester

CAS Registry Number: 73045-45-1
Molecular Formula: $C_{11}H_{17}NO_2$
Molecular Weight: 195.261
Accurate Mass: 195.125929
Percentage Composition: C 67.66%; H 8.78%; N 7.17%; O 16.39%
Boiling Point: Bp_{16} 136-139°
Solubility: Sol. cold H_2O, spar. sol. hot

>>**Variant:** (1*S*)-form
Synonym(s): (+)-form

Molecular Formula: $C_9H_{13}NO_2$
Molecular Weight: 167.207
Accurate Mass: 167.094629
Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%
Physical Description: Cryst. + $1H_2O$ (MeOH or MeOH/Et_2O)
Melting Point: Mp 226-230°
Solubility: Sol. H_2O; spar. sol. EtOH

>>**Derivative:** Me ester