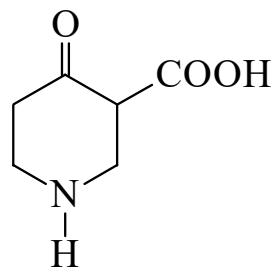




>>Entry Name: 4-Oxo-3-piperidinecarboxylic acid

Synonym(s): 4-Oxonipecotic acid



Related CAS Registry Numbers(s): 3939-01-3 71486-53-8

Molecular Formula: C₆H₉NO₃

Molecular Weight: 143.142

Accurate Mass: 143.058244

Percentage Composition: C 50.35%; H 6.34%; N 9.79%; O 33.53%

>>Variant: (±)-form

Molecular Formula: C₆H₉NO₃

Molecular Weight: 143.142

Accurate Mass: 143.058244

Percentage Composition: C 50.35%; H 6.34%; N 9.79%; O 33.53%

>>Derivative: Me ester

CAS Registry Number: 108554-34-3

Molecular Formula: C₇H₁₁NO₃

Molecular Weight: 157.169

Accurate Mass: 157.073894

Percentage Composition: C 53.49%; H 7.05%; N 8.91%; O 30.54%

Physical Description: Cryst. (MeOH) (as hydrochloride)

Melting Point: Mp 178-180 dec.° (hydrochloride)

>>Derivative: Et ester

CAS Registry Number: 67848-59-3

Extra CAS Registry Numbers(s): 4644-61-5

Molecular Formula: C₈H₁₃NO₃

Molecular Weight: 171.196

Accurate Mass: 171.089544

Percentage Composition: C 56.13%; H 7.65%; N 8.18%; O 28.04%

Physical Description: Cryst. (EtOH/Et₂O) (as hydrochloride)

Melting Point: Mp 175-177° (hydrochloride)

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

CAS Registry Number: 3518-87-4

Molecular Formula: C₁₄H₁₅NO₄

Molecular Weight: 261.277

Accurate Mass: 261.100109

Percentage Composition: C 64.36%; H 5.79%; N 5.36%; O 24.49%

Melting Point: Mp 185° (as hydrochloride)

>>Derivative: *N*-Benzoyl, Et ester

CAS Registry Number: 4451-86-9

Molecular Formula: C₁₅H₁₇NO₄

Molecular Weight: 275.304

Accurate Mass: 275.115759

Percentage Composition: C 65.44%; H 6.22%; N 5.09%; O 23.25%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 60-61°

Rare Chemicals Library: S80667-6