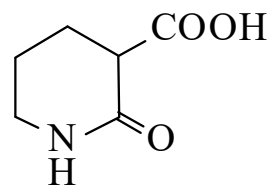




>>Entry Name: **2-Oxo-3-piperidinecarboxylic acid**, 9CI

Synonym(s): 2-Oxonipecotic acid, 8CI



CAS Registry Number: 41888-21-5

Molecular Formula: $C_6H_9NO_3$

Molecular Weight: 143.142

Accurate Mass: 143.058244

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

>>Variant: (±)-form

CAS Registry Number: 119695-04-4

Molecular Formula: $C_6H_9NO_3$

Molecular Weight: 143.142

Accurate Mass: 143.058244

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

>>Derivative: Et ester

CAS Registry Number: 3731-16-6

Extra CAS Registry Numbers(s): 133859-79-7

Molecular Formula: $C_8H_{13}NO_3$

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. (C_6H_6 /hexane)

Melting Point: Mp 78-79°

Aldrich: C550-5

Fluka: 2635

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 795B, (*ir*)

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **1**, 1297C, (*nmr*)

Liebman, A.A. *et al.*, *J. Het. Chem.*, 1974, **11**, 1105-1107, (*Et ester*)