



>>Entry Name: 3-Hydroxy-2-pyridineacetic acid, 9CI

CAS Registry Number: 69022-71-5

Molecular Formula: $C_7H_7NO_3$

Molecular Weight: 153.137

Accurate Mass: 153.042594

Percentage Composition: C 54.90%; H 4.61%; N 9.15%; O 31.34%

Melting Point: Mp 146-147° (dec.). Mp 163-165° (double Mp)

Other Data: Melts with gas evolution (decarboxylation), then resolidifies and re-melts at 163-165°

>>Derivative: Hydrochloride

CAS Registry Number: 88011-94-3

Melting Point: Mp 154-157° (dec.). Mp 218-220° (double Mp)

Other Data: Melts with gas evolution (decarboxylation), then re-solidifies and re-melts at 218-220°

>>Derivative: Et ester

CAS Registry Number: 2584-12-5

Molecular Formula: $C_9H_{11}NO_3$

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Melting Point: Mp 90-91°

Boiling Point: Bp_{0.001} 135°

>>Derivative: Ac, Et ester

Molecular Formula: $C_{11}H_{13}NO_4$

Molecular Weight: 223.228

Accurate Mass: 223.084459

Percentage Composition: C 59.19%; H 5.87%; N 6.27%; O 28.67%

Boiling Point: Bp_{0.01} 110°

>>Derivative: Benzyl ether, Et ester

CAS Registry Number: 177560-06-4

Molecular Formula: $C_{16}H_{17}NO_3$

Molecular Weight: 271.315

Accurate Mass: 271.120844

Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%

Physical Description: Oil

References:

- Bohlmann, F. *et al.*, *Chem. Ber.*, 1965, **98**, 653-658, (*Et ester*, *O-Ac Et ester*)
Desideri, N. *et al.*, *Eur. J. Med.*, 1983, **18**, 295-299, (*synth*, *ir*, *pmr*, *Et ester*)
Desideri, N. *et al.*, *J. Med. Chem.*, 1983, **18**, 295-299
Hagishita, S. *et al.*, *J. Med. Chem.*, 1996, **39**, 3636-3658, (*O-benzyl Et ester*)