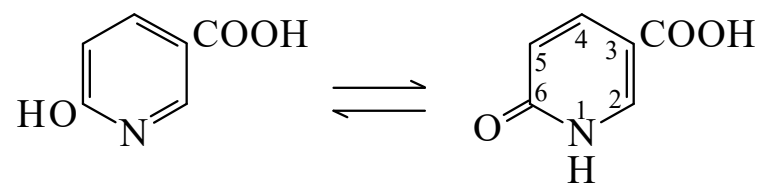




>>Entry Name: 6-Hydroxy-3-pyridinecarboxylic acid

Synonym(s): 1,6-Dihydro-6-oxo-3-pyridinecarboxylic acid, 9Cl. 6-Hydroxynicotinic acid, 8Cl. 6(1*H*)-Pyridone-3-carboxylic acid. α -Pyridone-5-carboxylic acid. 6-Hydroxy-3-pyridinecarboxylic acid



CAS Registry Number: 5006-66-6

Molecular Formula: C₆H₅NO₃

Molecular Weight: 139.11

Accurate Mass: 139.026944

Percentage Composition: C 51.80%; H 3.62%; N 10.07%; O 34.50%

Physical Description: Needles (EtOH)

Melting Point: Mp 304 dec.°

pKa Value: p*K*_{a1} 3.82 (20°)

Aldrich: 12875-9

Fluka: 55968

Rare Chemicals Library: S30472-7

Sigma: H7633

>>Derivative: Me ester

CAS Registry Number: 66171-50-4

Molecular Formula: C₇H₇NO₃

Molecular Weight: 153.137

Accurate Mass: 153.042594

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

Physical Description: Leaflets (Me₂CO)

Melting Point: Mp 164°

pKa Value: p*K*_a 9.92 (20°)

>>Derivative: Et ester

CAS Registry Number: 18617-50-0

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 149-150°

Aldrich: 45727-2

>>Variant: *NH*-form

Molecular Formula: C₆H₅NO₃

Molecular Weight: 139.11

Accurate Mass: 139.026944

Percentage Composition: C 51.80%; H 3.62%; N 10.07%; O 34.50%

>>Derivative: *N*-Me

Synonym(s): 1,6-Dihydro-1-methyl-6-oxo-3-pyridinecarboxylic acid, 9Cl. Nudifloric acid

CAS Registry Number: 3719-45-7

Molecular Formula: C₇H₇NO₃

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 238°

Rare Chemicals Library: S95970-7