



>>Entry Name: 5-Amino-2-furancarboxylic acid, 9CI

Synonym(s): 5-Aminopyromucic acid

Molecular Formula: C₅H₅NO₃

Molecular Weight: 127.099

Accurate Mass: 127.026944

Percentage Composition: C 47.25%; H 3.97%; N 11.02%; O 37.76%

>>Derivative: Me ester

CAS Registry Number: 22600-30-2

Molecular Formula: C₆H₇NO₃

Molecular Weight: 141.126

Accurate Mass: 141.042594

Percentage Composition: C 51.06%; H 5.00%; N 9.92%; O 34.01%

Physical Description: Pale yellow plates (EtOH)

Melting Point: Mp 135-136°

>>Derivative: Et ester

CAS Registry Number: 15856-35-6

Molecular Formula: C₇H₉NO₃

Molecular Weight: 155.153

Accurate Mass: 155.058244

Percentage Composition: C 54.19%; H 5.85%; N 9.03%; O 30.94%

Physical Description: Cryst.

Melting Point: Mp 96°

>>Derivative: Propyl ester

CAS Registry Number: 22641-07-2

Molecular Formula: C₈H₁₁NO₃

Molecular Weight: 169.18

Accurate Mass: 169.073894

Percentage Composition: C 56.80%; H 6.55%; N 8.28%; O 28.37%

Physical Description: Cryst.

Melting Point: Mp 37°

>>Derivative: Isopropyl ester

CAS Registry Number: 22551-90-2

Molecular Formula: C₈H₁₁NO₃

Molecular Weight: 169.18

Accurate Mass: 169.073894

Percentage Composition: C 56.80%; H 6.55%; N 8.28%; O 28.37%

Physical Description: Cryst.

Melting Point: Mp 84-85°

>>Derivative: *N*-Ac

CAS Registry Number: 772-69-0

Molecular Formula: C₇H₇NO₄

Molecular Weight: 169.137

Accurate Mass: 169.037509

Percentage Composition: C 49.71%; H 4.17%; N 8.28%; O 37.84%

Physical Description: Cryst.

Melting Point: Mp 221-222 dec.°