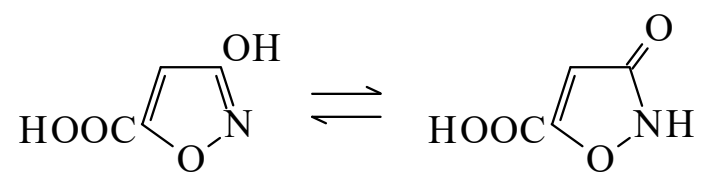




>>Entry Name: 3-Hydroxy-5-isoxazolecarboxylic acid, 8Cl

Synonym(s): 3-Oxo-5(2H)-oxazolecarboxylic acid



CAS Registry Number: 13626-60-3

Molecular Formula: C₄H₃NO₄

Molecular Weight: 129.072

Accurate Mass: 129.006209

Percentage Composition: C 37.22%; H 2.34%; N 10.85%; O 49.58%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 260-263°. Mp 265 dec.°

>>Derivative: Me ester

CAS Registry Number: 10068-07-2

Molecular Formula: C₅H₅NO₄

Molecular Weight: 143.099

Accurate Mass: 143.021859

Percentage Composition: C 41.97%; H 3.52%; N 9.79%; O 44.72%

Physical Description: Yellow cryst. (CHCl₃)

Melting Point: Mp 164-165°

Aldrich: 33860-5

Sigma: H3890

References:

Göth, H. *et al.*, *Helv. Chim. Acta*, 1967, **50**, 137, (*synth*)

Frey, M. *et al.*, *Synthesis*, 1985, 1085, (*Me ester*)

Riess, R. *et al.*, *Eur. J. Org. Chem.*, 1998, 473-479, (*Me ester*)