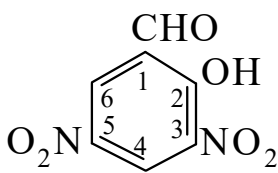




>>Entry Name: 2-Hydroxy-3,5-dinitrobenzaldehyde, 9CI

Synonym(s): 3,5-Dinitrosalicylaldehyde, 8CI



CAS Registry Number: 2460-59-5

Molecular Formula: $C_7H_4N_2O_6$

Molecular Weight: 212.118

Accurate Mass: 212.006938

Percentage Composition: C 39.64%; H 1.90%; N 13.21%; O 45.26%

Physical Description: Cryst. (C_6H_6 or AcOH aq.)

Melting Point: Mp 62-63°

pKa Value: pK_{a1} 2.27 (25°)

Aldrich: 27680-4

Rare Chemicals Library: S26462-8

>>Derivative: Me ether

Synonym(s): 2-Methoxy-3,5-dinitrobenzaldehyde

Molecular Formula: $C_8H_6N_2O_6$

Molecular Weight: 226.145

Accurate Mass: 226.022588

Percentage Composition: C 42.49%; H 2.67%; N 12.39%; O 42.45%

Melting Point: Mp 86-87°

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 968A, (*nmr*)

Lovett, A.B.E. *et al.*, *J.C.S.*, 1928, 1975, (*synth*)