



>>Entry Name: 1,4-Benzodioxan-6-carboxaldehyde, 8Cl

Synonym(s): 2,3-Dihydro-1,4-benzodioxin-6-carboxaldehyde, 9Cl. 6-Formyl-1,4-benzodioxan. 3,4-Ethylenedioxybenzaldehyde

CAS Registry Number: 29668-44-8

Molecular Formula: C₉H₈O₃

Molecular Weight: 164.16

Accurate Mass: 164.047345

Percentage Composition: C 65.85%; H 4.91%; O 29.24%

Physical Description: Cryst. (hexane)

Melting Point: Mp 52.5°

Aldrich: 26459-8

>>Derivative: Oxime

CAS Registry Number: 31127-39-6

Molecular Formula: C₉H₉NO₃

Molecular Weight: 179.175

Accurate Mass: 179.058244

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Melting Point: Mp 54-59°

Boiling Point: Bp_{0.16} 130°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 956C, (nmr)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1300A, (ir)

Sugasawa, S. *et al.*, *Chem. Pharm. Bull.*, 1956, **4**, 406, (synth)

Sasamoto, M. *et al.*, *Chem. Pharm. Bull.*, 1960, **8**, 324, (synth)

Corsano, S. *et al.*, *Farmaco, Ed. Sci.*, 1983, **38**, 265, (synth)