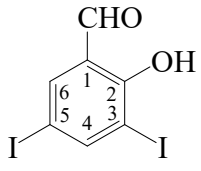
>>**Entry Name: 2-Hydroxy-3,5-diiodobenzaldehyde,** 9CI
Synonym(s): 3,5-Diiodosalicylaldehyde, 8CI. 2-Formyl-4,6-diiodophenol



CAS Registry Number: 2631-77-8

Molecular Formula: $C_7H_4I_2O_2$
Molecular Weight: 373.916
Accurate Mass: 373.830076
Percentage Composition: C 22.49%; H 1.08%; I 67.88%; O 8.56%
Physical Description: Needles (EtOH)
Melting Point: Mp 109-110°

Aldrich: 28344-4

>>**Derivative:** Ac

Molecular Formula: $C_9H_6I_2O_3$
Molecular Weight: 415.954
Accurate Mass: 415.840641
Percentage Composition: C 25.99%; H 1.45%; I 61.02%; O 11.54%
Melting Point: Mp 147°

>>**Derivative:** Me ether
Synonym(s): 3,5-Diiodo-2-methoxybenzaldehyde

Molecular Formula: $C_8H_6I_2O_2$
Molecular Weight: 387.943
Accurate Mass: 387.845726
Percentage Composition: C 24.77%; H 1.56%; I 65.42%; O 8.25%
Physical Description: Needles (petrol)
Melting Point: Mp 100°

>>**Derivative:** Benzyl ether

CAS Registry Number: 306753-70-8
Molecular Formula: $C_{14}H_{10}I_2O_2$
Molecular Weight: 464.041
Accurate Mass: 463.877026
Percentage Composition: C 36.24%; H 2.17%; I 54.70%; O 6.90%
Physical Description: Solid (Et_2O/petrol)
Melting Point: Mp 98-101°

References:

Bougault, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1949, 433-436, *(synth, derivs)*
Wilkinson, J.H. *et al.*, *Biochem. J.*, 1951, **49**, 714-744, *(ethers)*
Schaefer, T. *et al.*, *Can. J. Chem.*, 1984, **62**, 326-331, *(pmr)*
Cockerill, G.S. *et al.*, *J.C.S. Perkin 1*, 2000, 2591-2599, *(benzyl ether, synth, pmr, cmr)*