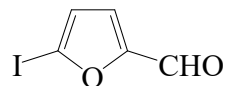




>>Entry Name: 5-Iodo-2-furancarboxaldehyde

Synonym(s): 5-Iodo-2-furaldehyde. 5-Iodofurfural. 2-Formyl-5-iodofuran



CAS Registry Number: 2689-65-8

Extra CAS Registry Numbers(s): 28261-79-2

Molecular Formula: C₅H₃IO₂

Molecular Weight: 221.982

Accurate Mass: 221.917778

Percentage Composition: C 27.05%; H 1.36%; I 57.17%; O 14.42%

Physical Description: Cryst.

Melting Point: Mp 127-129°

>>Derivative: Oxime

CAS Registry Number: 54376-28-2

Molecular Formula: C₅H₄INO₂

Molecular Weight: 236.997

Accurate Mass: 236.928677

Percentage Composition: C 25.34%; H 1.70%; I 53.55%; N 5.91%; O 13.50%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 167-168° (dec.)

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 84868-63-3

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 210-211°

>>Derivative: Semicarbazone

Physical Description: Cryst. (EtOH)

Melting Point: Mp 199-200° (dec.)

References:

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