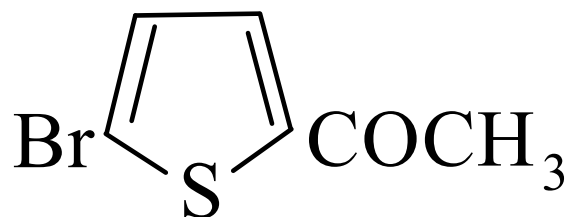




>>Entry Name: 2-Acetyl-5-bromothiophene

Synonym(s): 1-(5-Bromo-2-thienyl)ethanone, 9CI



CAS Registry Number: 5370-25-2

Related CAS Registry Numbers(s): 74322-99-9

Molecular Formula: C₆H₅BrOS

Molecular Weight: 205.075

Accurate Mass: 203.944446

Percentage Composition: C 35.14%; H 2.46%; Br 38.96%; O 7.80%; S 15.64%

Melting Point: Mp 94°

Boiling Point: Bp_{0.2} 105°

Aldrich: 32973-8

>>Derivative: Oxime, (E)-

CAS Registry Number: 98453-21-5

Molecular Formula: C₆H₆BrNOS

Molecular Weight: 220.089

Accurate Mass: 218.955345

Percentage Composition: C 32.74%; H 2.75%; Br 36.31%; N 6.36%; O 7.27%; S 14.57%

Melting Point: Mp 135-137°

>>Derivative: Oxime, (Z)-

CAS Registry Number: 98453-23-7

Molecular Formula: C₆H₆BrNOS

Molecular Weight: 220.089

Accurate Mass: 218.955345

Percentage Composition: C 32.74%; H 2.75%; Br 36.31%; N 6.36%; O 7.27%; S 14.57%

Melting Point: Mp 172-174°

References: