>>**Entry Name: 3-Thiophenamine,** 9CI
Synonym(s): 3-Aminothiophene

CAS Registry Number: 17721-06-1

Molecular Formula: C_4H_5NS
Molecular Weight: 99.156
Accurate Mass: 99.014269
Percentage Composition: C 48.45%; H 5.08%; N 14.13%; S 32.34%

>>**Derivative:** *N*-Ac

CAS Registry Number: 42602-67-5
Molecular Formula: C_6H_7NOS
Molecular Weight: 141.193
Accurate Mass: 141.024834
Percentage Composition: C 51.04%; H 5.00%; N 9.92%; O 11.33%; S 22.71%
Physical Description: Cryst. (H_2O or $C_6H_6/CHCl_3$)
Melting Point: Mp 145-148°
Rare Chemicals Library: S94388-6

>>**Derivative:** *N*-Benzoyl

CAS Registry Number: 79128-75-9
Molecular Formula: $C_{11}H_9NOS$
Molecular Weight: 203.264
Accurate Mass: 203.040484
Percentage Composition: C 65.00%; H 4.46%; N 6.89%; O 7.87%; S 15.78%
Physical Description: Cryst. ($C_6H_6/CHCl_3$)
Melting Point: Mp 153-155°

>>**Derivative:** *N*-Me
Synonym(s): 3-(Methylamino)thiophene

CAS Registry Number: 2691-58-9
Molecular Formula: C_5H_7NS
Molecular Weight: 113.183
Accurate Mass: 113.029919
Percentage Composition: C 53.06%; H 6.23%; N 12.38%; S 28.33%
Physical Description: Oil
Boiling Point: Bp_2 65°

>>**Derivative:** *N*-Di-Me
Synonym(s): 3-(Dimethylamino)thiophene

CAS Registry Number: 694-77-9
Molecular Formula: C_6H_9NS
Molecular Weight: 127.21
Accurate Mass: 127.045569
Percentage Composition: C 56.65%; H 7.13%; N 11.01%; S 25.21%
Physical Description: Oil

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