



Molecular Formula: C₈H₁₁NS
Molecular Weight: 153.248
Accurate Mass: 153.061219
Percentage Composition: C 62.70%; H 7.23%; N 9.14%; S 20.92%
Boiling Point: Bp₆ 128-130°

>>Derivative: *N,N*-Di-Et
Synonym(s): 4-(Diethylamino)benzenethiol

Molecular Formula: C₁₀H₁₅NS
Molecular Weight: 181.301
Accurate Mass: 181.092519
Percentage Composition: C 66.25%; H 8.34%; N 7.73%; S 17.69%
Boiling Point: Bp_{9.5} 130-134° (lit. gives a pressure range)

>>Derivative: *S*-Me
Synonym(s): 4-(Methylthio)aniline. *p*-Thioanisidine. 4-Aminothioanisole

CAS Registry Number: 104-96-1
Molecular Formula: C₇H₉NS
Molecular Weight: 139.221
Accurate Mass: 139.045569
Percentage Composition: C 60.39%; H 6.52%; N 10.06%; S 23.03%
Physical Description: Yellow liq.
Boiling Point: Bp 272-273°. Bp₁₅ 139°
Density: d₄²⁰ 1.14
Refractive Index: n_D²⁰ 1.6395

Aldrich: M5450-3
Fluka: 67792

>>Derivative: *S*-Me, *S,S*-dioxide
Synonym(s): 4-(Methylsulfonyl)aniline

CAS Registry Number: 5470-49-5
Molecular Formula: C₇H₉NO₂S
Molecular Weight: 171.22
Accurate Mass: 171.035399
Percentage Composition: C 49.10%; H 5.30%; N 8.18%; O 18.69%; S 18.73%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 137°

>>Derivative: *S*-Et
Synonym(s): 4-(Ethylthio)aniline

CAS Registry Number: 3463-02-3
Molecular Formula: C₈H₁₁NS
Molecular Weight: 153.248
Accurate Mass: 153.061219
Percentage Composition: C 62.70%; H 7.23%; N 9.14%; S 20.92%
Physical Description: Yellow oil
Boiling Point: Bp 280-281°. Bp₁₅ 155°

>>Derivative: *N,N,S*-Tri-Me
Synonym(s): 1-(Dimethylamino)-4-(methylthio)benzene

CAS Registry Number: 2388-51-4
Molecular Formula: C₉H₁₃NS
Molecular Weight: 167.274
Accurate Mass: 167.076869
Percentage Composition: C 64.62%; H 7.83%; N 8.37%; S 19.17%
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 23°
Boiling Point: Bp₂₀ 159-160°. Bp₃ 112-114°
Rare Chemicals Library: S83597-8