



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