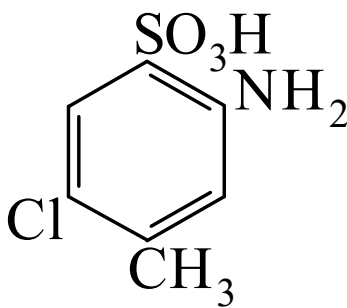




>>Entry Name: 2-Amino-5-chloro-4-methylbenzenesulfonic acid

Synonym(s): 6-Chloro-3-aminotoluene-4-sulfonic acid. Red Lake C Amine. C Acid‡



CAS Registry Number: 88-53-9

Molecular Formula: C₇H₈ClNO₃S

Molecular Weight: 221.664

Accurate Mass: 220.991341

Percentage Composition: C 37.93%; H 3.64%; Cl 15.99%; N 6.32%; O 21.65%; S 14.47%

Use/Importance: Intermed. for dyes and pigments

pKa Value: pK_a 2.6

Rare Chemicals Library: S42947-3

>>Derivative: S-Benzylisothiuronium salt

Physical Description: Cryst. (EtOH)

Melting Point: Mp 210-215°

References:

Wynne, W.P. *et al.*, *J.C.S.*, 1936, 696; 707, (*synth*)

Friediger, P. *et al.*, *Acta Chem. Scand.*, 1955, **9**, 1425, (*deriv*)

Ger. Pat., 1974, 2 240 849; *CA*, **81**, 13248j, (*synth*)

Japan. Pat., 1979, 79 151 945; *CA*, **92**, 198110b, (*synth*)