



>>Entry Name: 4-Octylbenzenesulfonic acid, 9Cl

CAS Registry Number: 17012-98-5

Related CAS Registry Numbers(s): 28675-11-8

Molecular Formula: C₁₄H₂₂O₃S

Molecular Weight: 270.392

Accurate Mass: 270.128965

Percentage Composition: C 62.19%; H 8.20%; O 17.75%; S 11.86%

>>Derivative: Na salt

CAS Registry Number: 6149-03-7

Melting Point: Mp 147-148°

Aldrich: 28748-2

>>Derivative: Amide

Molecular Formula: C₁₄H₂₃NO₂S

Molecular Weight: 269.407

Accurate Mass: 269.144949

Percentage Composition: C 62.42%; H 8.60%; N 5.20%; O 11.88%; S 11.90%

Physical Description: Platelets (EtOH aq.)

Melting Point: Mp 94-96°

References:

Paquette, R.G. *et al.*, *J.A.C.S.*, 1943, **65**, 686

Gray, F.W. *et al.*, *J.O.C.*, 1955, **20**, 511