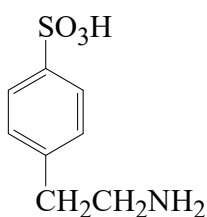




>>Entry Name: 4-(2-Aminoethyl)benzenesulfonic acid, 9Cl



CAS Registry Number: 73631-58-0

Molecular Formula: C₈H₁₁NO₃S

Molecular Weight: 201.246

Accurate Mass: 201.045964

Percentage Composition: C 47.75%; H 5.51%; N 6.96%; O 23.85%; S 15.93%

>>Derivative: Fluoride

CAS Registry Number: 34284-75-8

Extra CAS Registry Numbers(s): 30827-99-7

Molecular Formula: C₈H₁₀FNO₂S

Molecular Weight: 203.237

Accurate Mass: 203.041627

Percentage Composition: C 47.28%; H 4.96%; F 9.35%; N 6.89%; O 15.74%; S 15.78%

Melting Point: Mp 238-240° (as hydrochloride)

>>Derivative: Amide

CAS Registry Number: 35303-76-5

Molecular Formula: C₈H₁₂N₂O₂S

Molecular Weight: 200.261

Accurate Mass: 200.061948

Percentage Composition: C 47.98%; H 6.04%; N 13.99%; O 15.98%; S 16.01%

Physical Description: Cryst. (EtOH or EtOH/petrol)

Melting Point: Mp 149°

>>Derivative: Amide, hydrochloride

CAS Registry Number: 6325-22-0

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 229-231°

References:

Miller, E. *et al.*, *J.A.C.S.*, 1940, **62**, 2099-2103, (*amide*)

Burton, H. *et al.*, *J.C.S.*, 1949, 178-181, (*amide*)

Baker, B.R. *et al.*, *J. Med. Chem.*, 1971, **14**, 119-125, (*fluoride*)