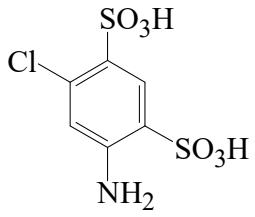
>>**Entry Name: 4-Amino-6-chloro-1,3-benzenedisulfonic acid**



Molecular Formula: $C_6H_6ClNO_6S_2$
Molecular Weight: 287.701
Accurate Mass: 286.932506
Percentage Composition: C 25.05%; H 2.10%; Cl 12.32%; N 4.87%; O 33.37%; S 22.29%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 235°

>>**Derivative:** Dichloride

CAS Registry Number: 671-89-6
Molecular Formula: $C_6H_4Cl_3NO_4S_2$
Molecular Weight: 324.592
Accurate Mass: 322.86473
Percentage Composition: C 22.20%; H 1.24%; Cl 32.77%; N 4.32%; O 19.72%; S 19.76%
Physical Description: Cryst. (C_6H_6 or $CHCl_3$)
Melting Point: Mp 144-145°

>>**Derivative:** Diamide
Synonym(s): Chloraminophenamide. Idorese

CAS Registry Number: 121-30-2

Molecular Formula: $C_6H_8ClN_3O_4S_2$
Molecular Weight: 285.732
Accurate Mass: 284.964474
Percentage Composition: C 25.22%; H 2.82%; Cl 12.41%; N 14.71%; O 22.40%; S 22.44%
Source/Synthesis: Hydrol. prod. of Hydrochlorothiazide FXF44-U
Biological Use/Importance: Diuretic
Physical Description: Cryst.
Melting Point: Mp 251-252°

References:

Logemann, W. *et al.*, *Annalen*, 1959, **623**, 157-165, *(synth)*
Novello, F.C. *et al.*, *J.O.C.*, 1960, **25**, 965-970, *(diamide, synth, pharmacol)*
Topliss, J.G. *et al.*, *J. Med. Chem.*, 1963, **6**, 312-315, *(amide)*