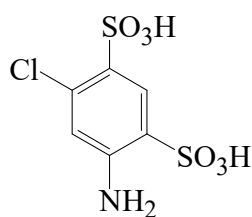




>>Entry Name: 4-Amino-6-chloro-1,3-benzenedisulfonic acid



Molecular Formula: C₆H₆ClNO₆S₂

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. (H₂O)

Melting Point: Mp 235°

>>Derivative: Dichloride

CAS Registry Number: 671-89-6

Molecular Formula: C₆H₄Cl₃NO₄S₂

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. (C₆H₆ or CHCl₃)

Melting Point: Mp 144-145°

>>Derivative: Diamide

Synonym(s): Chloraminophenamide. Idorese

CAS Registry Number: 121-30-2

Molecular Formula: C₆H₈ClN₃O₄S₂

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*)