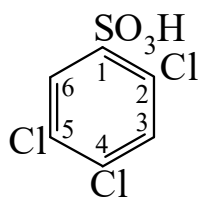




>>Entry Name: 2,4,5-Trichlorobenzenesulfonic acid



CAS Registry Number: 6378-25-2

Related CAS Registry Numbers(s): 53423-65-7 62625-17-6

Molecular Formula: C₆H₃Cl₃O₃S

Molecular Weight: 261.512

Accurate Mass: 259.886846

Percentage Composition: C 27.56%; H 1.16%; Cl 40.67%; O 18.35%; S 12.26%

Physical Description: Cryst. (as Na salt)

Other: PB T19305

>>Derivative: Et ester

Molecular Formula: C₈H₇Cl₃O₃S

Molecular Weight: 289.566

Accurate Mass: 287.918146

Percentage Composition: C 33.18%; H 2.44%; Cl 36.73%; O 16.58%; S 11.07%

Melting Point: Mp 58-59°

>>Derivative: Chloride

CAS Registry Number: 15945-07-0

Molecular Formula: C₆H₂Cl₄O₂S

Molecular Weight: 279.957

Accurate Mass: 277.852958

Percentage Composition: C 25.74%; H 0.72%; Cl 50.65%; O 11.43%; S 11.45%

Melting Point: Mp 68-70°

Other: PB T19325

References:

Galat, A., *J.A.C.S.*, 1952, **74**, 3890, (*synth*)

Polish Pat., 1966, 51 833; *CA*, **67**, 90532k, (*chloride*)

Rigotti, G. *et al.*, *J. Crystallogr. Spectrosc. Res.*, 1988, **18**, 481, (*cryst struct*)