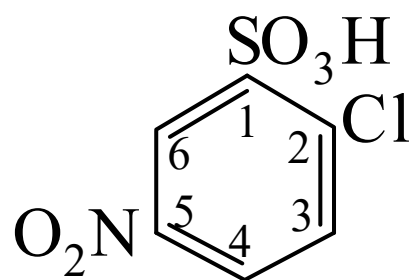




>>Entry Name: 2-Chloro-5-nitrobenzenesulfonic acid, 9Cl, 8Cl



CAS Registry Number: 96-73-1

Molecular Formula: C₆H₄ClNO₅S

Molecular Weight: 237.62

Accurate Mass: 236.949871

Percentage Composition: C 30.33%; H 1.70%; Cl 14.92%; N 5.89%; O 33.67%; S 13.49%

Physical Description: Cryst. + 1 or 2H₂O

Melting Point: Mp 169-170 dec.°

Hazard & Toxicity: Dec. exothermically at 150° (may be violent)

>>Derivative: Chloride

Molecular Formula: C₆H₃Cl₂NO₄S

Molecular Weight: 256.065

Accurate Mass: 254.915983

Percentage Composition: C 28.14%; H 1.18%; Cl 27.69%; N 5.47%; O 24.99%; S 12.52%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 89-90°

>>Derivative: Amide

CAS Registry Number: 96-72-0

Molecular Formula: C₆H₅ClN₂O₄S

Molecular Weight: 236.635

Accurate Mass: 235.965855

Percentage Composition: C 30.45%; H 2.13%; Cl 14.98%; N 11.84%; O 27.04%; S 13.55%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 185-186°

Rare Chemicals Library: S37131-9

References:

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