



>>Entry Name: 4-Chloro-6-nitro-1,3-benzenediol

Synonym(s): 6-Chloro-4-nitroresorcinol

Molecular Formula: C₆H₄ClNO₄

Molecular Weight: 189.555

Accurate Mass: 188.982886

Percentage Composition: C 38.02%; H 2.13%; Cl 18.70%; N 7.39%; O 33.76%

Melting Point: Mp 117°

>>Derivative: Di-Ac

Molecular Formula: C₁₀H₈ClNO₆

Molecular Weight: 273.629

Accurate Mass: 273.004016

Percentage Composition: C 43.90%; H 2.95%; Cl 12.96%; N 5.12%; O 35.08%

Melting Point: Mp 113°

>>Derivative: Di-Me ether

Synonym(s): 1-Chloro-2,4-dimethoxy-5-nitrobenzene

CAS Registry Number: 119-21-1

Molecular Formula: C₈H₈ClNO₄

Molecular Weight: 217.608

Accurate Mass: 217.014186

Percentage Composition: C 44.16%; H 3.71%; Cl 16.29%; N 6.44%; O 29.41%

Physical Description: Pale-yellow needles (EtOH)

Melting Point: Mp 125.5°

Rare Chemicals Library: S35948-3

References:

Petyunin, P.A., *J. Gen. Chem. USSR (Engl. Transl.)*, 1944, **14**, 203, (*synth*)

Katsumura, T., *Nippon Kagaku Zasshi*, 1958, **79**, 1323, (*synth*)