



>>Entry Name: 2-Fluoro-5-nitrophenol

CAS Registry Number: 22510-08-3

Structure by analogy with 2-Fluoro-4-nitrophenol, [DTN58-R](#)

Molecular Formula: $C_6H_4FNO_3$

Molecular Weight: 157.101

Accurate Mass: 157.017522

Percentage Composition: C 45.87%; H 2.57%; F 12.09%; N 8.92%; O 30.55%

Physical Description: Cryst. (hexane)

>>Derivative: Me ether

Synonym(s): 1-Fluoro-2-methoxy-4-nitrobenzene. 2-Fluoro-5-nitroanisole

Molecular Formula: $C_7H_6FNO_3$

Molecular Weight: 171.128

Accurate Mass: 171.033172

Percentage Composition: C 49.13%; H 3.53%; F 11.10%; N 8.18%; O 28.05%

Melting Point: Mp 69-71°

References:

South African Pat., 1968, 67 1021; *CA*, **70**, 106209, (*synth*)