



>>Entry Name: 2-Fluoro-6-nitrophenol

CAS Registry Number: 1526-17-6

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

Molecular Formula: C₆H₄FNO₃

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%

Use/Importance: Has fungicidal and plant-regulatory props.

Physical Description: Yellow cryst.

Melting Point: Mp 91-92°

>>Derivative: Me ether

Synonym(s): 1-Fluoro-2-methoxy-3-nitrobenzene. 2-Fluoro-6-nitroanisole

CAS Registry Number: 484-94-6

Molecular Formula: C₇H₆FNO₃

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%

Boiling Point: Bp₃ 81-83°

References:

Niemann, C. *et al.*, *J.A.C.S.*, 1941, **63**, 2204, (*synth*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1959, **81**, 94, (*synth*)

Stark, H. *et al.*, *Org. Magn. Reson.*, 1975, **7**, 274, (*nmr*)