



>>Entry Name: 3-Fluoro-4-nitrobenzoic acid

CAS Registry Number: 403-21-4

Structure by analogy with 2-Fluoro-3-nitrobenzoic acid, [DTN33-G](#)

Molecular Formula: $C_7H_4FNO_4$

Molecular Weight: 185.111

Accurate Mass: 185.012437

Percentage Composition: C 45.42%; H 2.18%; F 10.26%; N 7.57%; O 34.57%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 174-175°

References:

Schmelkes, F.C. *et al.*, *J.A.C.S.*, 1944, **66**, 1631, (*synth*)

Henkin, J. *et al.*, *J. Med. Chem.*, 1983, **26**, 1193, (*synth, pmr*)