



>>Entry Name: 2-Nitro-5-(trifluoromethyl)aniline

Synonym(s): 2-Nitro-5-(trifluoromethyl)benzenamine, 9Cl. 6-Nitro- α,α,α -trifluoro-*m*-toluidine. 3-Amino-4-nitrobenzotrifluoride

CAS Registry Number: 402-14-2

Molecular Formula: $C_7H_5F_3N_2O_2$

Molecular Weight: 206.124

Accurate Mass: 206.030312

Percentage Composition: C 40.79%; H 2.44%; F 27.65%; N 13.59%; O 15.52%

Physical Description: Orange cryst. (EtOH)

Melting Point: Mp 101°

References:

Rouche, H., *Chem. Zentralbl.*, 1927, 1817; *CA*, **22**, 2149, (*synth*)

Pouterman, E. *et al.*, *Helv. Chim. Acta*, 1947, **30**, 107, (*synth*)

Szmant, H.H. *et al.*, *J.A.C.S.*, 1954, **76**, 3785, (*uv*)

Inukai, K. *et al.*, *Kogyo Kagaku Zasshi*, 1955, **58**, 592, (*synth*, *uv*)

Font, J. *et al.*, *An. Quim., Ser. C*, 1983, **79**, 149, (*synth*)

Yokoyama, T. *et al.*, *J.O.C.*, 1986, **51**, 3540, (*N-15 nmr*, *uv*)