



Accurate Mass: 265.071448
Percentage Composition: C 63.40%; H 3.80%; F 21.49%; N 5.28%; O 6.03%
Physical Description: Cryst. (toluene)
Melting Point: Mp 202-203°

>>**Derivative:** Nitrile

Synonym(s): 1-Cyano-4-(trifluoromethyl)benzene

CAS Registry Number: 455-18-5
Molecular Formula: C₈H₄F₃N
Molecular Weight: 171.121
Accurate Mass: 171.029583
Percentage Composition: C 56.15%; H 2.36%; F 33.31%; N 8.19%
Physical Description: Oil
Boiling Point: Bp₂₀ 80-81°
Aldrich: 19668-1

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 195B; 346B; 449B, (*ir*)
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Mooradian, A. *et al.*, *J.A.C.S.*, 1949, **71**, 3507-3508, (*synth*)
Yagupol'skii, L.M. *et al.*, *Ukr. Khim. Zh. (Russ. edn.)*, 1957, **23**, 634-636; *CA*, **52**, 9980a, (*derivs, synth*)
Inukai, K. *et al.*, *CA*, 1964, **61**, 9418; 9418g, (*synth*)
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Schlosser, M. *et al.*, *Annalen*, 1995, 1587-1589, (*Et ester*)
Perry, R.J. *et al.*, *J.O.C.*, 1996, **61**, 7482-7485, (*anilide, synth, pmr*)