



>>Entry Name: (3-Nitrophenyl)methanethiol

Synonym(s): 3-Nitrobenzenemethanethiol, 9Cl. *m*-Nitro- α -toluenethiol, 8Cl. 1-Nitro-3-thiomethylbenzene. *m*-Nitrobenzyl mercaptan

CAS Registry Number: 77472-39-0

Molecular Formula: C₇H₇NO₂S

Molecular Weight: 169.204

Accurate Mass: 169.019749

Percentage Composition: C 49.69%; H 4.17%; N 8.28%; O 18.91%; S 18.95%

Physical Description: Yellowish needles (MeOH)

Melting Point: Mp 14°

Boiling Point: Bp₁₈ 164°

Rare Chemicals Library: S61748-2

References:

Lutter, E., *Ber.*, 1897, **30**, 1065

Price, T.S. *et al.*, *J.C.S.*, 1909, **95**, 1725

Bordwell, F. *et al.*, *J.O.C.*, 1982, **47**, 3224