



>>Entry Name: Trimethylsilyl bromoacetate, 9CI

CAS Registry Number: 18291-80-0

BrCH2COOSiMe3

Molecular Formula: C₅H₁₁BrO₂Si

Molecular Weight: 211.13

Accurate Mass: 209.991168

Percentage Composition: C 28.44%; H 5.25%; Br 37.85%; O 15.16%; Si 13.30%

Source/Synthesis: Synth. from BrCH₂COOH + Me₃SiCl/Et₃N

Physical Description: Liq.

Boiling Point: Bp₁₇ 68-69°

Refractive Index: n_D²⁰ 1.4407

References:

Birkofer, L. *et al.*, *Chem. Ber.*, 1962, **95**, 426-430, (*synth*)

Pola, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1977, **42**, 1540-1550, (*ir, pmr*)