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>>Entry Name: Benzyl bromide

Synonym(s): (Bromomethyl)benzene, 9CI.  $\alpha$ -Bromotoluene, 8CI

CAS Registry Number: 100-39-0

PhCH<sub>2</sub>Br

Molecular Formula: C<sub>7</sub>H<sub>7</sub>Br

Molecular Weight: 171.036

Accurate Mass: 169.993111

Percentage Composition: C 49.16%; H 4.13%; Br 46.72%

Use/Importance: Benzylating agent showing selectivity. Reagent for anal. of ethylenethiourea

Physical Description: Liq.

Melting Point: Mp -4°

Boiling Point: Bp 198°. Bp<sub>80</sub> 127°

Density: d<sub>0</sub><sup>22</sup>1.438

**Hazard & Toxicity:** Fl. p. 87°. Storage over molecular sieve causes build-up of HBr. Irritating and corrosive to all tissues. Lachrymator

Aldrich: B1790-5

Fluka: 13250

Sigma: B1012

**References:**

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