



>>Entry Name: 4-(Trifluoromethyl)benzylamine, 8Cl

Synonym(s): 4-(Trifluoromethyl)benzenemethanamine, 9Cl. 4-(Aminomethyl)benzotrifluoride

CAS Registry Number: 3300-51-4

Molecular Formula: C₈H₈F₃N

Molecular Weight: 175.153

Accurate Mass: 175.060883

Percentage Composition: C 54.86%; H 4.60%; F 32.54%; N 8.00%

Use/Importance: Inhibits phenethanolamine *N*-Me transferase and aids clot lysis

Boiling Point: Bp₅₁ 114-120°. Bp₁₅ 80-82°

Refractive Index: n_D²⁵ 1.4630

Aldrich: 26350-8

>>Derivative: Hydrochloride

CAS Registry Number: 3047-99-2

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 194-198°. Mp 276°

References:

Freifelder, M. *et al.*, *J. Pharm. Sci.*, 1965, **54**, 1204, (*synth*)

Meindl, W.R. *et al.*, *J. Med. Chem.*, 1984, **27**, 1111, (*synth*)