



>>Entry Name: 3-(Trifluoromethyl)benzylamine, 8Cl

Synonym(s): 3-(Trifluoromethyl)benzenemethanamine, 9Cl. 3-(Aminomethyl)benzotrifluoride

CAS Registry Number: 2740-83-2

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*-methyl transferase and aids clot lysis

Boiling Point: Bp₂₈ 93-97°

Refractive Index: n_D²⁵ 1.4613

Aldrich: 26349-4

>>Derivative: Hydrochloride

CAS Registry Number: 2944-96-9

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 178-180°

References:

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

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