>>**Entry Name: *N*,*N*-Bis(2-chloroethyl)aniline**
Synonym(s): *N*,*N*-Bis(2-chloroethyl)benzenamine, $_{9Cl}$. *N*,*N*-Di(2-chloroethyl)aniline, $_{8Cl}$. Aniline mustard

CAS Registry Number: 553-27-5
$PhN(CH_2CH_2Cl)_2$

Molecular Formula: $C_{10}H_{13}Cl_2N$
Molecular Weight: 218.125
Accurate Mass: 217.042503
Percentage Composition: C 55.06%; H 6.01%; Cl 32.51%; N 6.42%
Melting Point: Mp 45-47°
Boiling Point: Bp_{14} 164°
Hazard & Toxicity: LD_{50} (rat, orl) 239 mg/kg

Rare Chemicals Library: S55675-0

>>**Derivative:** Hydrochloride

Melting Point: Mp 93-95°

>>**Derivative:** Picrate

Melting Point: Mp 81-82°

References:

Robinson, R. *et al.*, *J.C.S.*, 1934, 1536, *(synth)*
Elderfield, R.C. *et al.*, *J.O.C.*, 1958, **23**, 1749, *(synth)*
Cohen, A. *et al.*, *J. Med. Chem.*, 1963, **6**, 822, *(synth)*
Lewis, R.J.*, Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold*, 1992, AOQ875