>>**Entry Name: Didecylamine,** 8CI
Synonym(s): *N*-Decyl-1-decanamine, 9CI

CAS Registry Number: 1120-49-6
$[H_3C(CH_2)_9]_2NH$

Molecular Formula: $C_{20}H_{43}N$
Molecular Weight: 297.566
Accurate Mass: 297.339549
Percentage Composition: C 80.73%; H 14.56%; N 4.71%
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 32.6°. Mp 43-44° (dimorphic)
Boiling Point: Bp 364°. Bp_2 179-180°
Density: d_4^{5C} 0.79
Refractive Index: n_D^{50} 1.4376

Aldrich: 26497-0

>>**Derivative:** Hydrochloride

CAS Registry Number: 2486-84-2
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 208-210°

>>**Derivative:** Sulfate

CAS Registry Number: 22377-11-3
Physical Description: Cryst.
Melting Point: Mp 185-186°

>>**Derivative:** Nitrate

CAS Registry Number: 22377-07-7
Physical Description: Cryst.
Melting Point: Mp 178°

References:

Hoerr, C.W. *et al.*, *J.O.C.*, 1946, **11**, 200, *(synth, dimorphism)*
Borrows, E.T. *et al.*, *J.C.S.*, 1947, 197-202, *(synth)*
Ralston, A.W. *et al.*, *J.O.C.*, 1948, **13**, 186, *(synth)*
Gutmann, H. *et al.*, *J. Inorg. Nucl. Chem.*, 1969, **31**, 205, *(salts)*

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