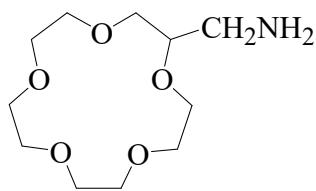




>>Entry Name: 2-(Aminomethyl)-15-crown-5

Synonym(s): 1,4,7,10,13-Pentaoxacyclopentadecane-2-methanamine, 9Cl



Molecular Formula: C₁₁H₂₃NO₅

Molecular Weight: 249.306

Accurate Mass: 249.157624

Percentage Composition: C 53.00%; H 9.30%; N 5.62%; O 32.09%

>>Variant: (±)-form

CAS Registry Number: 83585-56-2

Molecular Formula: C₁₁H₂₃NO₅

Molecular Weight: 249.306

Accurate Mass: 249.157624

Percentage Composition: C 53.00%; H 9.30%; N 5.62%; O 32.09%

Physical Description: Yellow liq.

Boiling Point: Bp_{0.005} 113-117°

Density: d 1.134

Refractive Index: n_D²⁰ 1.4848

Aldrich: 38841-6

Fluka: 8432

Sigma: A0582

>>Derivative: Hydrochloride

Physical Description: Cryst.

Melting Point: Mp 163-168°

References:

Maeda, H. *et al.*, *J.O.C.*, 1982, **47**, 5167, (*synth, pmr, ms, ir*)

Bubnis, B.P. *et al.*, *Tet. Lett.*, 1984, **25**, 1107, (*synth, pmr*)