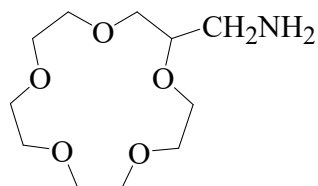




>>Entry Name: **2-(Aminomethyl)-15-crown-5**

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



**Molecular Formula:** C<sub>11</sub>H<sub>23</sub>NO<sub>5</sub>

**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:** C<sub>11</sub>H<sub>23</sub>NO<sub>5</sub>

**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<sub>0.005</sub> 113-117°

**Density:** d 1.134

**Refractive Index:** n<sub>D</sub><sup>20</sup> 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*)