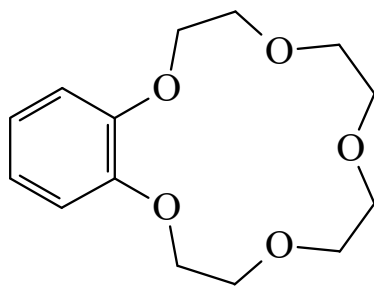




>>Entry Name: **Benzo-15-crown-5**

Synonym(s): 2,3,5,6,8,9,11,12-Octahydro-1,4,7,10,13-benzopentaoxacyclopentadecin, 9Cl



CAS Registry Number: 14098-44-3

Molecular Formula: C₁₄H₂₀O₅

Molecular Weight: 268.309

Accurate Mass: 268.131075

Percentage Composition: C 62.67%; H 7.51%; O 29.82%

General Statement: Crown ether

Use/Importance: Used for complexing and extraction-separation of group I and II metal ions

Physical Description: Cryst. (toluene)

Melting Point: Mp 79-81°

Solubility: Sl. sol. H₂O; sol. C₆H₆, toluene, CHCl₃

Aldrich: 28279-0

Fluka: 12335

Sigma: B8267

References:

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