



Melting Point: Mp 42-44°

Boiling Point: Bp 128-130°

>>Derivative: Mono-Me ether

Synonym(s): 2,5,8,11-Tetraoxatridecan-13-ol, 9Cl

CAS Registry Number: 23783-42-8

Molecular Formula: C₉H₂₀O₅

Molecular Weight: 208.254

Accurate Mass: 208.131075

Percentage Composition: C 51.91%; H 9.68%; O 38.41%

Boiling Point: Bp 249°. Bp_{0.03} 105-110°

>>Derivative: Di-Me ether

Synonym(s): 2,5,8,11,14-Pentaoxapentadecane, 8Cl

CAS Registry Number: 143-24-8

Molecular Formula: C₁₀H₂₂O₅

Molecular Weight: 222.281

Accurate Mass: 222.146725

Percentage Composition: C 54.04%; H 9.98%; O 35.99%

Biological Source: Prod. by *Myxococcus fulvus* and *Myxococcus xanthus*

Use/Importance: Used for extraction photometric detn. of Pd ($\lambda_{\max}$ 340 nm, 3-4M HCl, CH₂Cl₂)

Physical Description: Liq.

Boiling Point: Bp 275-276°

Solubility: Sol. H₂O

Hazard & Toxicity: Eye irritant. LD₅₀ (rat, orl) *ca.* 5000 mg/kg. Exp. and suspected human reprod. effects. Fl. p. 141° (oc)

Aldrich: 24116-4

Fluka: 86690

Rare Chemicals Library: S35575-5

Sigma: M8261

>>Derivative: Mono-Et ether

Synonym(s): 3,6,9,12-Tetraoxatetradecan-1-ol

CAS Registry Number: 5650-20-4

Molecular Formula: C₁₀H₂₂O₅

Molecular Weight: 222.281

Accurate Mass: 222.146725

Percentage Composition: C 54.04%; H 9.98%; O 35.99%

Boiling Point: Bp 284°

>>Derivative: Di-Et ether

Synonym(s): 3,6,9,12,15-Pentaoxaheptadecane, 9Cl

CAS Registry Number: 4353-28-0

Molecular Formula: C₁₂H₂₆O₅

Molecular Weight: 250.334

Accurate Mass: 250.178025

Percentage Composition: C 57.58%; H 10.47%; O 31.96%

Boiling Point: Bp₁₂ 132-134°. Bp₁₁ 159°

>>Derivative: Divinyl ether

Synonym(s): 3,6,9,12,15-Pentaoxaheptadeca-1,16-diene

CAS Registry Number: 83416-06-2

Molecular Formula: C₁₂H₂₂O₅

Molecular Weight: 246.303

Accurate Mass: 246.146725

Percentage Composition: C 58.52%; H 9.00%; O 32.48%

Use/Importance: Polym. to give a polymer with 16-crown-5 units

Aldrich: 41009-8