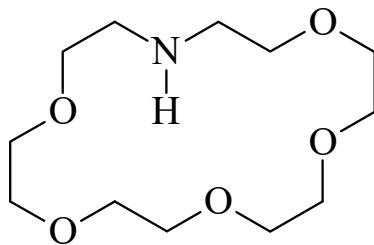




>>Entry Name: 1,4,7,10,13-Pentaoxa-16-azacyclooctadecane, 9CI

Synonym(s): Aza-18-crown-6



CAS Registry Number: 33941-15-0

Molecular Formula: $C_{12}H_{25}NO_5$

Molecular Weight: 263.333

Accurate Mass: 263.173274

Percentage Composition: C 54.73%; H 9.57%; N 5.32%; O 30.38%

Melting Point: Mp 48.5-51°

Aldrich: 36411-8

Fluka: 11382

>>Derivative: N-Me

CAS Registry Number: 69978-47-8

Molecular Formula: $C_{13}H_{27}NO_5$

Molecular Weight: 277.36

Accurate Mass: 277.188924

Percentage Composition: C 56.30%; H 9.81%; N 5.05%; O 28.84%

Boiling Point: Bp_{0.9} 120-122°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 602B, (nmr)

Okahara, M. *et al.*, *Tetrahedron*, 1982, **38**, 3359, (synth, ms, ir)

Solov'ev, V.P. *et al.*, *Eur. J. Org. Chem.*, 1998, 1379-1389, (N-Me)