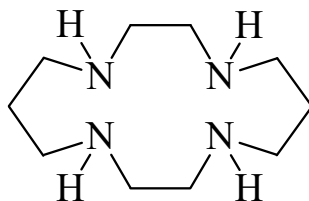




>>Entry Name: 1,4,8,11-Tetraazacyclotetradecane, 9CI

Synonym(s): Cyclam



CAS Registry Number: 295-37-4

Molecular Formula:  $C_{10}H_{24}N_4$

Molecular Weight: 200.326

Accurate Mass: 200.200096

Percentage Composition: C 59.96%; H 12.08%; N 27.97%

Use/Importance: Macrocyclic ligand

Melting Point: Mp 185-186°

Aldrich: 25916-0

Fluka: 86725

Sigma: T5158

>>Derivative: 1,4,8,11-Tetrakis(2,3-dihydroxybenzoyl)

CAS Registry Number: 65950-09-6

Molecular Formula:  $C_{38}H_{40}N_4O_{12}$

Molecular Weight: 744.754

Accurate Mass: 744.264276

Percentage Composition: C 61.28%; H 5.41%; N 7.52%; O 25.78%

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 287 dec.°

>>Derivative: 1,8-Di-Me

Molecular Formula:  $C_{12}H_{28}N_4$

Molecular Weight: 228.38

Accurate Mass: 228.231396

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Physical Description: Cryst.

Melting Point: Mp 25-30°

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