



REGISTERED MATERIAL REPORT

Compound Name: **Propylhexedrine**

Description: Pale yellow oil

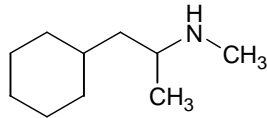
Collection No. M394

CAS Registry No: 101-40-6

Chemical Formula: C₁₀H₂₁N

Molecular Weight: 155.3

Structure:



Obtained: July 1986

Re-analysis: January 2003

Purity > 96% (relative GC-FID peak area)

GC-FID: Peak area percentage of total: 96.4%, s = 0.3 (mean of six samples)

Instrument: HP5890

Column: ZB-1 Capillary, 29 m x 0.32 mm x 0.25 µm

Program: 70 °C (1.0 min), 8 °C/min to 200 °C, 20 °C/min to 260 °C

Injector: 180 °C.

Detector Temp: 300 °C

Carrier: Helium

Split ratio: 15/1

GC-MS: Instrument HP6890/5973.

Column: ZB-5, 30 m x 0.25 mm x 0.3 µm

Temp Program: 60 °C (1.0 min), 8 °C/min to 100 °C, 12 °C/min to 250 °C, hold for 2min

Carrier gas: Helium 1.2 ml/min, Split: 20/1.

Injector Temp: 180 °C. Transfer line temp: 280 °C. Scan Range: 50-500 a.m.u.

8.0 min: 140 (5), 58 (100) a.m.u.

The retention time for the compound is shown as well as the relative percentage abundance of the molecular ions to the base peak.

Intended use: For *in vitro* laboratory analysis and for no other use.

Recommended storage: When not in use, store at or below 20 °C in a closed container in a dry, dark area.

WARNING: Hazardous substance, harmful if swallowed.

Use appropriate personal protection and work practices when handling to avoid skin or eye contact, or inhalation of dust.

This material has NOT been fully characterised as a certified reference material by Chemical Reference Materials Team, NMI.

Authorised by:

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Chemical Reference Materials, NMI.
Dated: 19 January, 2005