



CAS Registry Number: 2870-71-5

Physical Description: Cryst.

Melting Point: Mp 222-223°

Sigma: A6883

Other: PB A36180

>>Derivative: Methonitrate

Synonym(s): **Methylatropine nitrate**, USAN. Atropine methonitrate, BAN, INN, JAN. Metropine. Harvatrate. Metanite. Ekomine. Eumydrin

CAS Registry Number: 52-88-0

Molecular Formula: C₁₈H₂₆N₂O₆

Molecular Weight: 366.413

Accurate Mass: 366.179088

Percentage Composition: C 59.00%; H 7.15%; N 7.65%; O 26.20%

Melting Point: Mp 166-168°

Sigma: A0382

>>Derivative: *N*-Oxide

Synonym(s): Aminoxytropine tropate. **Atropine oxide**, INN. Genatropine

CAS Registry Number: 4438-22-6

Molecular Formula: C₁₇H₂₃NO₄

Molecular Weight: 305.373

Accurate Mass: 305.162709

Percentage Composition: C 66.86%; H 7.59%; N 4.59%; O 20.96%

Melting Point: Mp 127-128°

Other Data: Dec. at 135°

>>Derivative: *N*-Oxide; hydrochloride

Synonym(s): **Atropine oxide hydrochloride**, USAN. Atropigen. Tropinox. Xtro

CAS Registry Number: 4574-60-1

Physical Description: Prisms (EtOH)

Melting Point: Mp 192-193°

Rare Chemicals Library: S42423-4

>>Derivative: Propanoyl

Synonym(s): **Prampine**, BAN, INN. Atropine propionate. Tropan-3-yl-*O*-propionyltropate. PAMN

CAS Registry Number: 7009-65-6

Molecular Formula: C₂₀H₂₇NO₄

Molecular Weight: 345.438

Accurate Mass: 345.194009

Percentage Composition: C 69.54%; H 7.88%; N 4.05%; O 18.53%

Use/Importance: Used in treatment of peptic ulcers

>>Derivative: *N*-De-Me

Synonym(s): Noratropine

CAS Registry Number: 16839-98-8

Molecular Formula: C₁₆H₂₁NO₃

Molecular Weight: 275.347

Accurate Mass: 275.152144

Percentage Composition: C 69.79%; H 7.69%; N 5.09%; O 17.43%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 113-114°

References: