



Melting Point: Mp 89-92°

Aldrich: 35866-5

Fluka: 86871

>>**Derivative:** Thiocyanate

CAS Registry Number: 3674-54-2

Molecular Formula: C₁₇H₃₆N₂S

Molecular Weight: 300.551

Accurate Mass: 300.259918

Percentage Composition: C 67.94%; H 12.07%; N 9.32%; S 10.67%

Melting Point: Mp 120-123°

Aldrich: 32331-4

Fluka: 86886

>>**Derivative:** 4-Methylbenzenesulfonate

CAS Registry Number: 7182-86-7

Molecular Formula: C₂₃H₄₃NO₃S

Molecular Weight: 413.664

Accurate Mass: 413.296364

Percentage Composition: C 66.78%; H 10.48%; N 3.39%; O 11.60%; S 7.75%

Melting Point: Mp 70-72°

Aldrich: 35868-1

Fluka: 86887

>>**Derivative:** Tetraphenylborate

CAS Registry Number: 15522-59-5

Molecular Formula: C₄₀H₅₆BN

Molecular Weight: 561.7

Accurate Mass: 561.450579

Percentage Composition: C 85.53%; H 10.05%; B 1.92%; N 2.49%

Use/Importance: Electrolyte used as conductivity standard for sp. resistance measurement

Aldrich: 28103-4

Fluka: 86901

Sigma: T4649

>>**Derivative:** Dichromate

Synonym(s): Tetrabutylammonium dichromate

CAS Registry Number: 56660-19-6

Molecular Formula: C₃₂H₇₂Cr₂N₂O₇

Molecular Weight: 700.922

Accurate Mass: 700.414971

Percentage Composition: C 54.84%; H 10.35%; Cr 14.84%; N 4.00%; O 15.98%

Use/Importance: Mild, selective oxidising agent for OH compds. in neutral aq. media. Converts benzyl, allyl and secondary alkyl halides to carbonyl compds. in anhydr. media

Physical Description: Orange cryst.

Melting Point: Mp 139-143°

>>**Derivative:** Hexasulfide

CAS Registry Number: 85533-96-6

Molecular Formula: C₃₂H₇₂N₂S₆

Molecular Weight: 677.33

Accurate Mass: 676.401968

Percentage Composition: C 56.75%; H 10.71%; N 4.14%; S 28.41%

Use/Importance: Used to introduce controlled quantities of sulfur in complex formation

Physical Description: Cryst.

Melting Point: Mp 128-130°

References: