Molecular Formula: $C_{16}H_{36}ClNO_4$
Molecular Weight: 341.917
Accurate Mass: 341.233286
Percentage Composition: C 56.21%; H 10.61%; Cl 10.37%; N 4.10%; O 18.72%
Physical Description: Needles (EtOAc/pentane)
Melting Point: Mp 212.5-213.5°
Fluka: 86893
Sigma: T7283

>>**Derivative:** Periodate

CAS Registry Number: 65201-77-6
Molecular Formula: $C_{16}H_{36}INO_4$
Molecular Weight: 433.369
Accurate Mass: 433.168907
Percentage Composition: C 44.34%; H 8.37%; I 29.28%; N 3.23%; O 14.77%
Use/Importance: Oxidising agent
Melting Point: Mp 175 dec.°
Aldrich: 24705-7
Fluka: 86889
Sigma: T2393

>>**Derivative:** Tetrafluoroborate

CAS Registry Number: 429-42-5
Molecular Formula: $C_{16}H_{36}BF_4N$
Molecular Weight: 329.272
Accurate Mass: 329.287691
Percentage Composition: C 58.36%; H 11.02%; B 3.28%; F 23.08%; N 4.25%
Physical Description: Needles (EtOAc/pentane)
Melting Point: Mp 162-162.5°
Aldrich: 21796-4
Sigma: T8264

>>**Derivative:** Hexafluorophosphate

CAS Registry Number: 3109-63-5
Molecular Formula: $C_{16}H_{36}F_6NP$
Molecular Weight: 387.431
Accurate Mass: 387.248954
Percentage Composition: C 49.60%; H 9.37%; F 29.42%; N 3.62%; P 7.99%
Melting Point: Mp 244-246°
Aldrich: 28102-6
Fluka: 86874
Sigma: T6908

>>**Derivative:** Azide

CAS Registry Number: 993-22-6
Molecular Formula: $C_{16}H_{36}N_4$
Molecular Weight: 284.487
Accurate Mass: 284.293996
Percentage Composition: C 67.55%; H 12.75%; N 19.69%
Use/Importance: Relatively safe azide for synthetic use
Melting Point: Mp 80°

>>**Derivative:** Borohydride

CAS Registry Number: 33725-74-5
Molecular Formula: $C_{16}H_{40}BN$
Molecular Weight: 257.31
Accurate Mass: 257.325379
Percentage Composition: C 74.69%; H 15.67%; B 4.20%; N 5.44%
Use/Importance: Source of diborane on addition of MeI to CH_2Cl_2 soln.
Solubility: Sol. CH_2Cl_2, insol. Et_2O
Aldrich: 23017-0
Fluka: 86855

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