



CAS Registry Number: 32503-27-8
Use/Importance: Phase transfer catalyst
Melting Point: Mp 169-171°
Aldrich: 39684-2
Fluka: 86868
Sigma: T7158

>>**Derivative:** Dihydrogen phosphate

CAS Registry Number: 5574-97-0
Use/Importance: Used in ion-pair chromatography of water soluble vitamins
Melting Point: Mp 151-154°
Aldrich: 26810-0
Fluka: 86867
Sigma: T1531
Supelco: R42-2835

>>**Derivative:** Formate

CAS Registry Number: 35733-58-5
Molecular Formula: $C_{17}H_{37}NO_2$
Molecular Weight: 287.485
Accurate Mass: 287.282429
Percentage Composition: C 71.03%; H 12.97%; N 4.87%; O 11.13%
Use/Importance: Reagent for OH-group epimerisations

>>**Derivative:** Acetate

CAS Registry Number: 10534-59-5
Molecular Formula: $C_{18}H_{39}NO_2$
Molecular Weight: 301.512
Accurate Mass: 301.298079
Percentage Composition: C 71.70%; H 13.04%; N 4.65%; O 10.61%
Physical Description: Fine yellow cryst. (1,2-dimethoxyethane)
Melting Point: Mp 75-83°
Other Data: Further purification gave the AcOH solvate, Mp 112.5-114°
Aldrich: 33599-1
Fluka: 86849
Sigma: T6658

>>**Derivative:** Trifluoromethanesulfonate

CAS Registry Number: 35895-70-6
Molecular Formula: $C_{17}H_{36}F_3NO_3S$
Molecular Weight: 391.537
Accurate Mass: 391.236798
Percentage Composition: C 52.15%; H 9.27%; F 14.56%; N 3.58%; O 12.26%; S 8.19%
Melting Point: Mp 114-115°
Aldrich: 34509-1
Fluka: 86888

>>**Derivative:** Nitrate

CAS Registry Number: 1941-27-1
Molecular Formula: $C_{16}H_{36}N_2O_3$
Molecular Weight: 304.472
Accurate Mass: 304.272593
Percentage Composition: C 63.12%; H 11.92%; N 9.20%; O 15.76%
Melting Point: Mp 116-118°

Aldrich: 35917-3
Fluka: 86913