



>>Derivative: Phosphate salt

CAS Registry Number: 1763-07-1

Extra CAS Registry Numbers(s): 5423-22-3 5423-23-4 38848-02-1

Use/Importance: Fertiliser. Fireproofing agent for textiles

>>Derivative: Picrate

Melting Point: Mp 333°

>>Derivative: *N*-Benzenesulfonyl

Melting Point: Mp 212°

>>Derivative: *N*-Ac

CAS Registry Number: 5699-40-1

Molecular Formula: C₃H₇N₃O

Molecular Weight: 101.108

Accurate Mass: 101.058912

Percentage Composition: C 35.64%; H 6.98%; N 41.56%; O 15.82%

Melting Point: Mp 145°

Aldrich: 37656-6

>>Derivative: *N*-Benzoyl

Molecular Formula: C₈H₉N₃O

Molecular Weight: 163.179

Accurate Mass: 163.074562

Percentage Composition: C 58.89%; H 5.56%; N 25.75%; O 9.80%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 160°

>>Derivative: *N,N'*-Di-Ac

Molecular Formula: C₅H₉N₃O₂

Molecular Weight: 143.145

Accurate Mass: 143.069477

Percentage Composition: C 41.95%; H 6.34%; N 29.35%; O 22.35%

Melting Point: Mp 176-177°

>>Derivative: *N,N',N''*-Tri-Ac

Molecular Formula: C₇H₁₁N₃O₃

Molecular Weight: 185.182

Accurate Mass: 185.080042

Percentage Composition: C 45.40%; H 5.99%; N 22.69%; O 25.92%

Physical Description: Needles (Me₂CO)

Melting Point: Mp 110-112°

>>Derivative: *N,N*-Di-Me

>>Derivative: *N,N'*-Di-Me

>>Derivative: *N,N,N',N'*-Tetra-Ph

Synonym(s): *N,N,N',N'*-Tetraphenylguanidine, 9CI

CAS Registry Number: 632-88-2

Molecular Formula: C₂₅H₂₁N₃

Molecular Weight: 363.461

Accurate Mass: 363.173547

Percentage Composition: C 82.62%; H 5.82%; N 11.56%

Physical Description: Cryst. (petrol)

Melting Point: Mp 130-131°