



CAS Registry Number: 23758-50-1

Melting Point: Mp 151-152°

>>Derivative: Picrate

CAS Registry Number: 1152-90-5

Melting Point: Mp 165-166°

>>Derivative: Styphnate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 184.5-185.5°

>>Derivative: Trifluoroacetate

Synonym(s): Pyridinium trifluoroacetate

CAS Registry Number: 464-05-1

Molecular Formula: C₇H₆F₃NO₂

Molecular Weight: 193.125

Accurate Mass: 193.035063

Percentage Composition: C 43.53%; H 3.13%; F 29.51%; N 7.25%; O 16.57%

Use/Importance: Catalyst used in oxidn. of secondary alcohols

Melting Point: Mp 83-86°

Aldrich: 21513-9

Fluka: 82818

Sigma: P3646

>>Derivative: 4-Methylbenzenesulfonate

Synonym(s): Pyridinium tosylate

CAS Registry Number: 24057-28-1

Molecular Formula: C₁₂H₁₃NO₃S

Molecular Weight: 251.306

Accurate Mass: 251.061614

Percentage Composition: C 57.35%; H 5.21%; N 5.57%; O 19.10%; S 12.76%

Use/Importance: Used in protecting OH groups

Melting Point: Mp 117-119°

Aldrich: 23223-8

Fluka: 82815

>>Derivative: 3-Nitrobenzenesulfonate

Synonym(s): Pyridinium 3-nitrobenzenesulfonate

CAS Registry Number: 84752-61-4

Molecular Formula: C₁₁H₁₀N₂O₅S

Molecular Weight: 282.276

Accurate Mass: 282.031043

Percentage Composition: C 46.81%; H 3.57%; N 9.92%; O 28.34%; S 11.36%

Use/Importance: Used in nucleoside chemistry to form protecting groups

Melting Point: Mp 119-122°

Aldrich: 27198-5

Fluka: 82814

>>Derivative: I₂ complex

CAS Registry Number: 2078-94-6

UV: [neutral] λ_{max} 235 (ε 50000) (no solvent reported)

Other Data: Charge-transfer complex formed in dil. solns. of I₂ with Py

>>Derivative: *N*-Oxide

>>Derivative: *N*-Me