



Aldrich: 30747-5

Fluka: 82789

>>Derivative: Hydroiodide

Synonym(s): Pyridinium iodide

CAS Registry Number: 18820-83-2

Molecular Formula: C₅H₆IN

Molecular Weight: 207.014

Accurate Mass: 206.954497

Percentage Composition: C 29.01%; H 2.92%; I 61.30%; N 6.77%

Physical Description: Cryst. + 1H₂O (H₂O)

Melting Point: Mp 268° (dec.)

>>Derivative: Perchlorate

Synonym(s): Pyridinium perchlorate

CAS Registry Number: 15598-34-2

Molecular Formula: C₅H₆ClNO₄

Molecular Weight: 179.559

Accurate Mass: 178.998536

Percentage Composition: C 33.45%; H 3.37%; Cl 19.74%; N 7.80%; O 35.64%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 147 dec.°

Hazard & Toxicity: Detonates on impact

>>Derivative: Tetraphenylborate

>>Derivative: Fluorochromate

>>Derivative: Chlorochromate

>>Derivative: Bromochromate

>>Derivative: Dichromate

>>Derivative: Ethobromide

Synonym(s): *N*-Ethylpyridinium bromide

CAS Registry Number: 1906-79-2

Molecular Formula: C₇H₁₀BrN

Molecular Weight: 188.067

Accurate Mass: 187.01966

Percentage Composition: C 44.71%; H 5.36%; Br 42.49%; N 7.45%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 111-112°

>>Derivative: Ethiodide

Synonym(s): *N*-Ethylpyridinium iodide

CAS Registry Number: 872-90-2

Molecular Formula: C₇H₁₀IN

Molecular Weight: 235.067

Accurate Mass: 234.985797

Percentage Composition: C 35.77%; H 4.29%; I 53.99%; N 5.96%

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 90.5°