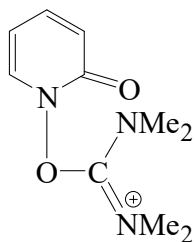




>>Entry Name: *O*-(1,2-Dihydro-2-oxo-1-pyridinyl)-*N,N,N',N'*-tetramethyluronium

Synonym(s): *N*-[(Dimethylamino)[(2-oxo-1(2*H*)-pyridinyl)oxy]methylene]-*N*-methylethaniminium(1+), 9Cl



Molecular Formula: C₁₀H₁₆N₃O₂⁽⁺⁾

Molecular Weight: 210.255

Accurate Mass: 210.124252

Percentage Composition: C 57.13%; H 7.67%; N 19.99%; O 15.22%

>>Derivative: Tetrafluoroborate

CAS Registry Number: 125700-71-2

Molecular Formula: C₁₀H₁₆BF₄N₃O₂

Molecular Weight: 297.06

Accurate Mass: 297.127169

Percentage Composition: C 40.43%; H 5.43%; B 3.64%; F 25.58%; N 14.15%; O 10.77%

Use/Importance: Coupling reagent for peptide synth.

Melting Point: Mp 140°

Aldrich: 36572-6

Sigma: D3928

References:

Knorr, R. *et al.*, *Tet. Lett.*, 1989, **30**, 1927, (*synth, use*)