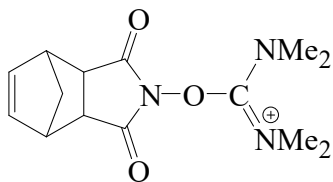




>>Entry Name: *O*-(5-Norbornene-2,3-dicarboximido)-*N,N,N',N'*-tetramethyluronium

Synonym(s): *N*-[(Dimethylamino)[(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2*H*-isoindol-2-yl)oxy]methylene]-*N*-methylmethanaminium(1+), 9Cl



Molecular Formula: C₁₄H₂₀N₃O₃⁽⁺⁾

Molecular Weight: 278.33

Accurate Mass: 278.150467

Percentage Composition: C 60.42%; H 7.24%; N 15.10%; O 17.25%

>>Derivative: Tetrafluoroborate

CAS Registry Number: 125700-73-4

Molecular Formula: C₁₄H₂₀BF₄N₃O₃

Molecular Weight: 365.135

Accurate Mass: 365.153384

Percentage Composition: C 46.05%; H 5.52%; B 2.96%; F 20.81%; N 11.51%; O 13.15%

Use/Importance: Coupling reagent for peptide synth.

Melting Point: Mp 216-219°

References:

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

Davies, J.S. *et al.*, *J.C.S. Perkin 2*, 1995, 2335, (*use*)