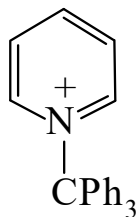




>>Entry Name: 1-(Triphenylmethyl)pyridinium(1+), 9Cl

Synonym(s): Tritylpyridinium, 8Cl



Molecular Formula: C₂₄H₂₀N⁽⁺⁾

Molecular Weight: 322.429

Accurate Mass: 322.159574

Percentage Composition: C 89.40%; H 6.25%; N 4.34%

Use/Importance: Powerful tritylating agent with advantages over Chlorotriphenylmethane [DXG33-Z](#)

>>Derivative: Tetrafluoroborate

CAS Registry Number: 26156-84-3

Molecular Formula: C₂₄H₂₀BF₄N

Molecular Weight: 409.233

Accurate Mass: 409.162491

Percentage Composition: C 70.44%; H 4.93%; B 2.64%; F 18.57%; N 3.42%

Melting Point: Mp 155-157°. Mp 218-220°

Aldrich: 35890-8

Fluka: 93464

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 236A, (nmr)

Okamoto, Y. *et al.*, *J.O.C.*, 1970, **35**, 3752, (synth)

Hanessian, S. *et al.*, *Tet. Lett.*, 1973, **37**, 3555, (synth, use)

Hanessian, S. *et al.*, *Methods Carbohydr. Chem.*, 1976, **7**, 63, (use)