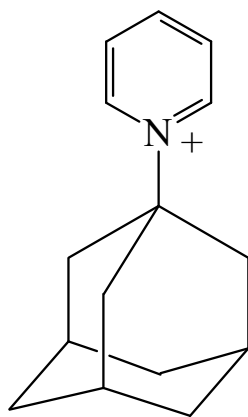




>>Entry Name: 1-(1-Adamantyl)pyridinium(1+)

Synonym(s): 1-Tricyclo[3.3.1.1^{3,7}]dec-1-ylpyridinium, 9Cl



CAS Registry Number: 93588-28-4

Related CAS Registry Numbers(s): 112671-75-7

Molecular Formula: C₁₅H₂₀N⁽⁺⁾

Molecular Weight: 214.33

Accurate Mass: 214.159574

Percentage Composition: C 84.06%; H 9.41%; N 6.54%

>>Derivative: Bromide

CAS Registry Number: 19984-57-7

Molecular Formula: C₁₅H₂₀BrN

Molecular Weight: 294.234

Accurate Mass: 293.09791

Percentage Composition: C 61.23%; H 6.85%; Br 27.16%; N 4.76%

Melting Point: Mp 245 dec.°

Aldrich: 39345-2

>>Derivative: Perchlorate

CAS Registry Number: 93588-29-5

Molecular Formula: C₁₅H₂₀ClNO₄

Molecular Weight: 313.78

Accurate Mass: 313.108086

Percentage Composition: C 57.42%; H 6.42%; Cl 11.30%; N 4.46%; O 20.40%

Physical Description: Cryst. (EtOH)

References:

U.S. Pat., 1968, 3 391 142; *CA*, **69**, 59281, (*synth*)

Katritzky, A.R. *et al.*, *J. Chem. Res., Synop.*, 1984, 234, (*synth, pmr, cmr*)

Sokolenko, V.A. *et al.*, *Khim. Geterotsikl. Soedin.*, 1987, 817, (*synth*)