



Source/Synthesis: Synth. from Pr_4NI and I_2 in EtOH

Physical Description: Dark red needles

Melting Point: Mp 97°

>>**Derivative:** Tetrabutylammonium salt

CAS Registry Number: 13311-45-0

Extra CAS Registry Numbers(s): 2455-09-6

Molecular Formula: $\text{C}_{16}\text{H}_{36}\text{I}_3\text{N}$

Molecular Weight: 623.181

Accurate Mass: 622.998193

Percentage Composition: C 30.84%; H 5.82%; I 61.09%; N 2.25%

Source/Synthesis: Synth. from Bu_4NI and I_2 in hot MeOH

Physical Description: Purple cryst. (EtOH aq.)

Melting Point: Mp 70-70.5°

References:

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Bowmaker, G.A. *et al.*, *Aust. J. Chem.*, 1968, **21**, 551, (*nqr*)

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Larsen, D.W. *et al.*, *J. Inorg. Nucl. Chem.*, 1971, **33**, 869, (*uv*)

Gabes, W. *et al.*, *J. Mol. Struct.*, 1972, **14**, 267, (*struct*)

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