



Melting Point: Mp 275 , >300°°

Hazard & Toxicity: Explodes on friction

>>**Derivative:** Tetrafluoroborate

CAS Registry Number: 27081-10-3

Molecular Formula: C₇H₇BF₄

Molecular Weight: 177.937

Accurate Mass: 178.057692

Percentage Composition: C 47.25%; H 3.97%; B 6.08%; F 42.71%

Physical Description: Cryst. (MeCN/EtOAc)

Melting Point: Mp 210 dec.°

Aldrich: 16462-3

Fluka: 93560

>>**Derivative:** Triiodide

CAS Registry Number: 12128-19-7

Molecular Formula: C₇H₇I₃

Molecular Weight: 471.846

Accurate Mass: 471.768194

Percentage Composition: C 17.82%; H 1.50%; I 80.69%

Physical Description: Deep red-black cryst.

Melting Point: Mp 127°

References:

Dauben, H.J. *et al.*, *J.A.C.S.*, 1957, **79**, 352, (*synth, uv*)

Olah, G.A. *et al.*, *Carbonium Ions (1968-1976)*, Wiley, New York, 1973, **4**, 1579, (*rev*)

Hvistendahl, G. *et al.*, *Org. Mass Spectrom.*, 1973, **7**, 903, (*ms*)

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Crivello, J.V. *et al.*, *Synth. Commun.*, 1973, **3**, 9, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TNV575

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