



>>Entry Name: Praseodymium(III) fluoride (PrF₃)

CAS Registry Number: 13709-46-1

PrF₃

Molecular Formula: F₃Pr

Molecular Weight: 197.903

Accurate Mass: 197.902756

Percentage Composition: F 28.80%; Pr 71.20%

Source/Synthesis: Ppts. from soln. as hydrate

Physical Description: Green solid

Melting Point: Mp 1399° (1395°)

Solubility: Insol. H₂O

Aldrich: 43209-1

References:

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Chechernikov, V.I. *et al.*, *Izv. Akad. Nauk SSSR, Neorg. Mater.*, 1982, **18**, 498, (*magnetism*)

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Maximov, B. *et al.*, *Acta Cryst. B*, 1985, **41**, 88, (*cryst struct*)

Mioduski, T. *et al.*, *Solubility Data Ser.*, 1985, **22**, 115

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Uwamino, Y. *et al.*, *Bull. Chem. Soc. Jpn.*, 1986, **59**, 2263, (*pe*)

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