



>>Entry Name: Sodium telluride (Na₂Te), 9CI

CAS Registry Number: 12034-41-2

Na₂Te

Molecular Formula: Na₂Te

Molecular Weight: 173.58

Accurate Mass: 175.885763

Percentage Composition: Na 26.49%; Te 73.51%

Source/Synthesis: Synth. from Na + Te in liq. NH₃

Physical Description: V. hygroscopic cryst. powder

Melting Point: Mp 953°

Solubility: Sol. H₂O

Other Data: Dec. immediately in air

References:

Zintl, E. *et al.*, *Z. Elektrochem.*, 1934, **40**, 588-593, (*cryst struct*)

Brauer, G., *Handb. Prep. Inorg. Chem.*, 2nd edn., Academic Press, 1965, **1**, 441-442, (*synth*)

Suzuki, H. *et al.*, *Chem. Lett.*, 1986, 403-406, (*synth*)

Higa, K.T. *et al.*, *Organometallics*, 1989, **8**, 1674-1678, (*synth*)