



>>Entry Name: Rhodium(III) iodide (RhI₃), 8Cl

Synonym(s): Rhodium triiodide

CAS Registry Number: 15492-38-3

RhI₃

Molecular Formula: I₃Rh

Molecular Weight: 483.619

Accurate Mass: 483.618919

Percentage Composition: I 78.72%; Rh 21.28%

Use/Importance: Commercially available as hydrate

Physical Description: Black solid

Solubility: Insol. org. solvs., H₂O

References:

Dwyer, F.P. *et al.*, *J. Proc. R. Soc. N.S.W.*, 1941, **75**, 122, (*synth*)

Broderson, K. *et al.*, *J. Less-Common Met.*, 1968, **14**, 151, (*synth, struct, props*)