



>>Entry Name: Osmium oxide (OsO), 11Cl

CAS Registry Number: 12137-15-4

Related CAS Registry Numbers(s): 62202-86-2

Extra CAS Registry Numbers(s): 61970-39-6

OsO

Molecular Formula: OOs

Molecular Weight: 206.199

Accurate Mass: 207.956382

Percentage Composition: O 7.76%; Os 92.24%

Source/Synthesis: Synth. by reaction of Os metal with O₂ at temps. above 1580°

References:

Adilbish, M. *et al.*, *Radiokhimiya*, 1978, **20**, 761, (*use*)

Balfour, W.J. *et al.*, *J. Mol. Spectrosc.*, 1984, **105**, 360, (*ir*)

Hildenbrand, D.L. *et al.*, *J. Phys. Chem.*, 1992, **96**, 2325, (*thermochem*)