

Yttrium monoxide

Inchi:	InChI=1S/O.Y
InchiKey:	APUGIHICMSAKGR-UHFFFAOYSA-N
Formula:	OY
SMILES:	O=[Y]
Mol. weight [g/mol]:	104.91
CAS:	12036-00-9

Physical Properties

Property code	Value	Unit	Source
ea	1.35 ± 0.02	eV	NIST Webbook
ie	6.00 ± 0.30	eV	NIST Webbook
ie	5.85 ± 0.15	eV	NIST Webbook
ie	6.00 ± 0.10	eV	NIST Webbook
ie	6.00 ± 1.00	eV	NIST Webbook
ie	5.50	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12036009&Units=SI>

Legend

ea: Electron affinity
ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/22-800-8/Yttrium-monoxide.pdf>

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