

Rhenium, pentacarbonyliodo-

Other names:	Rhenium, pentacarbonyliodo-, (OC-6-22)- Pentacarbonyliodorhenium
Inchi:	InChI=1S/5CO.HI.Re/c5*1-2;;/h;;;;;1H;/q;;;;;;+1/p-1
InchiKey:	DGSSBNZH ZQWZBU-UHFFFAOYSA-M
Formula:	C5I O5Re
SMILES:	[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[I-].[Re+]
Mol. weight [g/mol]:	453.16
CAS:	13821-00-6

Physical Properties

Property code	Value	Unit	Source
ie	8.64 ± 0.03	eV	NIST Webbook
ie	8.36	eV	NIST Webbook
ie	8.32	eV	NIST Webbook
ie	8.50	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13821006&Units=SI>

Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/38-827-2/Rhenium-pentacarbonyliodo.pdf>

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