

Strontium monohydroxide

Inchi:	InChI=1S/H2O.Sr/h1H2;/q;+1/p-1
InchiKey:	HGDJQLJUGUXYKQ-UHFFFAOYSA-M
Formula:	HOSr
SMILES:	O[Sr]
Mol. weight [g/mol]:	104.63
CAS:	12141-14-9

Physical Properties

Property code	Value	Unit	Source
affp	1019.40	kJ/mol	NIST Webbook
basg	981.60	kJ/mol	NIST Webbook
ie	5.10 ± 0.20	eV	NIST Webbook
ie	5.10 ± 0.20	eV	NIST Webbook
ie	5.60 ± 0.10	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12141149&Units=SI>

Legend

affp:	Proton affinity
basg:	Gas basicity
ie:	Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/63-884-1/Strontium-monohydroxide.pdf>

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