

Gold ion (1+)

Other names:	Au+
Inchi:	InChI=1S/Au/q+1
InchiKey:	ZBKIUFWVEIBQRT-UHFFFAOYSA-N
Formula:	Au+
SMILES:	[Au+]
Mol. weight [g/mol]:	196.97
CAS:	20681-14-5

Physical Properties

Property code	Value	Unit	Source
log10ws	1.28		Crippen Method
logp	-0.003		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20681145&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/50-391-2/Gold-ion-1.pdf>

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