

Acetic acid, potassium salt

Other names:	Potassium acetate
Inchi:	InChI=1S/C2H4O2.K/c1-2(3)4;/h1H3,(H,3,4);/q;+1/p-1
InchiKey:	SCVFZCLFOSHCOH-UHFFFAOYSA-M
Formula:	C2H3KO2
SMILES:	CC(=O)[O-].[K]
Mol. weight [g/mol]:	98.14
CAS:	127-08-2

Physical Properties

Property code	Value	Unit	Source
ss	150.82	J/mol×K	NIST Webbook
tf	582.00 ± 2.00	K	NIST Webbook
tf	578.70 ± 0.20	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	109.38	J/mol×K	298.15	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C127082&Units=SI>

Legend

cps:	Solid phase heat capacity
ss:	Solid phase molar entropy at standard conditions
tf:	Normal melting (fusion) point

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