

sodium propionate

Other names:	Sodium propanoate
Inchi:	InChI=1S/C3H6O2.Na/c1-2-3(4)5;/h2H2,1H3,(H,4,5);/q;+1/p-1
InchiKey:	JXKPEJDQGNYSM-UHFFFAOYSA-M
Formula:	C3H5NaO2
SMILES:	CCC(=O)[O-].[Na]
Mol. weight [g/mol]:	96.06
CAS:	137-40-6

Physical Properties

Property code	Value	Unit	Source
ss	152.10	J/mol×K	NIST Webbook
tf	562.40 ± 0.20	K	NIST Webbook
tt	561.88 ± 0.03	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	134.40	J/mol×K	298.15	NIST Webbook
cps	150.20	J/mol×K	340.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6010184&Units=SI>

Legend

cps: Solid phase heat capacity
ss: Solid phase molar entropy at standard conditions

tf: Normal melting (fusion) point

tt: Triple Point Temperature

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