disodium succinate

Other names: Sodium succinate

Inchi: InChl=1S/C4H6O4.2Na/c5-3(6)1-2-4(7)8;;/h1-2H2,(H,5,6)(H,7,8);;/g;2*+1/p-2

InchiKey: ZDQYSKICYIVCPN-UHFFFAOYSA-L

Formula: C4H4Na2O4

SMILES: O=C([O-])CCC(=O)[O-].[Na].[Na]

Mol. weight [g/mol]: 162.05 CAS: 150-90-3

Physical Properties

Property code	Value	Unit	Source
SS	211.70	J/mol×K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	172.50	J/mol×K	300.43	NIST Webbook

Sources

The study of phase behavior of in the state of th aqueous salts) aqueous two-phase systems at T = 298.15 K and the influence of salts and ionic liquids on the phase separation:

https://www.doi.org/10.1016/j.fluid.2012.10.019

http://webbook.nist.gov/cgi/cbook.cgi?ID=C150903&Units=SI

https://www.doi.org/10.1021/je0502400

https://www.doi.org/10.1016/j.jct.2011.09.004

Legend

cps: Solid phase heat capacity

ss: Solid phase molar entropy at standard conditions

Latest version available from:

https://www.chemeo.com/cid/96-662-1/disodium-succinate.pdf

Generated by Cheméo on 2024-05-05 23:15:45.574906265 +0000 UTC m=+17240194.495483580.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.