

potassium isobutyrate

Other names:	Potassium 2-methylpropanoate
Inchi:	InChI=1S/C4H8O2.K/c1-3(2)4(5)6;/h3H,1-2H3,(H,5,6);/q;+1/p-1
InchiKey:	LBOHISOWGKIIX-UHFFFAOYSA-M
Formula:	C4H7KO2
SMILES:	CC(C)C(=O)[O-].[K+]
Mol. weight [g/mol]:	126.20
CAS:	19455-20-0

Physical Properties

Property code	Value	Unit	Source
ss	192.40	J/mol×K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	166.95	J/mol×K	298.15	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C19455200&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/28-945-2/potassium-isobutyrate.pdf>

Generated by Cheméo on 2025-12-23 06:44:42.561767501 +0000 UTC m=+6220480.091808173.

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