

potassium butyrate

Other names:	butanoic acid, potassium salt butyric acid, potassium salt potassium butanoate potassium n-butyrate
Inchi:	InChI=1S/C4H8O2.K/c1-2-3-4(5)6;/h2-3H2,1H3,(H,5,6);/q;+1/p-1
InchiKey:	RWMKSKOZLCXHOK-UHFFFAOYSA-M
Formula:	C4H7KO2
SMILES:	CCCC(=O)[O-].[K]
Mol. weight [g/mol]:	126.20
CAS:	589-39-9

Physical Properties

Property code	Value	Unit	Source
tf	667.00	K	Thermal Behavior of Potassium C1-C12 n-Alkanoates and Its Relevance to Fischer Tropsch

Sources

Thermal Behavior of Potassium C1-C12 n-Alkanoates and Its Relevance to Fischer Tropsch: <https://www.doi.org/10.1021/je400874d>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C589399&Units=SI>

Legend

tf: Normal melting (fusion) point

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<https://www.cheméo.com/cid/98-305-5/potassium-butyrate.pdf>

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