

Lithium n-hexanoate

Other names:	lithium caproate lithium hexanoate
Inchi:	InChI=1S/C6H12O2.Li/c1-2-3-4-5-6(7)8;/h2-5H2,1H3,(H,7,8);/q;+1/p-1
InchiKey:	PNDUWCHQCLZPAH-UHFFFAOYSA-M
Formula:	C6H11LiO2
SMILES:	CCCCC(=O)[O-].[Li+]
Mol. weight [g/mol]:	122.09
CAS:	16577-51-8

Physical Properties

Property code	Value	Unit	Source
tf	560.35	K	Lithium C1-C12 n-Alkanoates: Thermal behavior from -30C to 600C

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C16577518&Units=SI>

Lithium C1-C12 n-Alkanoates: Thermal behavior from -30C to 600C: <https://www.doi.org/10.1021/je400054m>

Legend

tf: Normal melting (fusion) point

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<https://www.chemeo.com/cid/73-059-6/Lithium-n-hexanoate.pdf>

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