

Stearic acid, lithium salt

Other names:	lithium octadecanoate
Inchi:	InChI=1S/C18H36O2.Li/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18(19)20;/h2-17H2
InchiKey:	HGPXWXLYXNVULB-UHFFFAOYSA-M
Formula:	C18H35LiO2
SMILES:	CCCCCCCCCCCCCCCCCCCC(=O)[O-].[Li]
Mol. weight [g/mol]:	290.41

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
rhos	1040.00	kg/m3	293.00	Thermal and odd even behaviour in a homologous series of lithium n-alkanoates

Sources

Thermal and odd even behaviour in a homologous series of lithium n-alkanoates.

<https://www.doi.org/10.1016/j.jct.2010.11.011>

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6006527&Units=SI>

Legend

rhos: Solid Density

Latest version available from:

<https://www.cheméo.com/cid/81-880-5/Stearic-acid-lithium-salt.pdf>

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