

# Oleic acid, sodium salt

<b>Other names:</b>	sodium oleate
<b>Inchi:</b>	InChI=1S/C18H34O2.Na/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18(19)20;/h9-10H
<b>InchiKey:</b>	BCKXLBQYZLBQEK-KVVVOXFISA-M
<b>Formula:</b>	C18H33NaO2
<b>SMILES:</b>	CCCCCCCCC=CCCCCCCCC(=O)[O-].[Na+]
<b>Mol. weight [g/mol]:</b>	304.44

## Sources

**Heat of adsorption of surfactants and its role on nanoparticle stabilization: NIST Webbook:** <https://www.doi.org/10.1016/j.jct.2015.08.002>  
<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6005865&Units=SI>

**Bubble points of the systems** <https://www.doi.org/10.1016/j.fluid.2006.03.021>

isopropanol-water, <https://www.doi.org/10.1016/j.fluid.2011.11.011>

Surface tension of aqueous solutions of lithium dodecyl sulfate, sodium dodecyl sulfate, sodium oleate, and dodecylbenzene sulfonic acid in contact with methane under high pressure.

hydrate-forming conditions:  
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