

Sodium trifluoro acetate

Other names:	sodium trifluoroacetate
Inchi:	InChI=1S/C2HF3O2.Na/c3-2(4,5)1(6)7;/h(H,6,7);/q;+1/p-1
InchiKey:	UYCAUPASBSROMS-UHFFFAOYSA-M
Formula:	C2F3NaO2
SMILES:	O=C([O][Na])C(F)(F)F
Mol. weight [g/mol]:	136.00

Physical Properties

Property code	Value	Unit	Source
hf	-895.21	kJ/mol	Cheméo Relay (1.0)
hvap	30.03	kJ/mol	Cheméo Relay (1.0)
ie	11.44	eV	Cheméo Relay (1.0)
tb	296.17	K	Cheméo Relay (1.0)

Sources

Solubilities of imidazolium-based ionic liquids in aqueous salt solutions at 298.15 K: <https://www.doi.org/10.1016/j.jct.2011.03.002>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C2923184&Units=SI>

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
tb:	Normal Boiling Point Temperature

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<https://www.chemeo.com/cid/28-673-4/Sodium-trifluoro-acetate.pdf>

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