

Chlorpromazine hydrochloride

Other names:	10-(3-dimethylaminopropyl)-2-chlorophenothiazine monohydrochloride 2-chloro-10-(3-dimethylaminopropyl)phenothiazine hydrochloride aminazin hydrochloride aminazin monohydrochloride ampliactil monohydrochloride chlorpromazine hydrochloride chlorpromazine monohydrochloride chlorpromazinium chloride dimethyl-, monohydrochloride klorproman propaphenin hydrochloride thorazine hydrochloride
Inchi:	InChI=1S/C17H19ClN2S.ClH/c1-19(2)10-5-11-20-14-6-3-4-7-16(14)21-17-9-8-13(18)12-1
InchiKey:	FBSMERQALIEGJT-UHFFFAOYSA-N
Formula:	C17H20ClN2S
SMILES:	C[NH+](C)CCCN1c2ccccc2Sc2ccc(Cl)cc21.[Cl-]
Mol. weight [g/mol]:	355.32
CAS:	69-09-0

Physical Properties

Property code	Value	Unit	Source
tf	470.00 ± 1.00	K	NIST Webbook
tf	472.00 ± 1.00	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	28.42	kJ/mol	467.20	NIST Webbook
sfust	60.80	J/mol×K	467.20	NIST Webbook

Sources

Thermodynamics of Some Amphiphilic Drugs in Presence of Additives: NIST Webbook: <https://www.doi.org/10.1021/je900749a>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=C69090&Units=SI>

Legend

hfust: Enthalpy of fusion at a given temperature
sfust: Entropy of fusion at a given temperature
tf: Normal melting (fusion) point

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