

Tenuate

Other names:	1-Propanone, 2-(diethylamino)-1-phenyl-, hydrochloride Propiophenone, 2-(diethylamino)-, hydrochloride Amfepramonum hydrochloride 2-Diethylaminopropiophenone hydrochloride Diethylpropione hydrochloride 1-Phenyl-2-diethylaminopropanone-1 hydrochloride 1-Phenyl-2-diethylamino-1-propanone hydrochloride Regenon Regenon hydrochloride Tenuate Tenuate hydrochloride Tepanil Amfepramone Diethylpropion Amfepramone Hydrochloride Anfamon Anorex Danylen Dobesin Frekentine Keramik Keramin Magrene Moderatan Modulor Parabolin Prefamone Tenuate Dospan Tylinol
Inchi:	InChI=1S/C13H19NO.ClH/c1-4-14(5-2)11(3)13(15)12-9-7-6-8-10-12;/h6-11H,4-5H2,1-3H
InchiKey:	ICFXZZFWRWNZMA-UHFFFAOYSA-N
Formula:	C13H20ClNO
SMILES:	CC[NH+](CC)C(C)C(=O)c1ccccc1.[Cl-]
Mol. weight [g/mol]:	241.76

Physical Properties

Property code	Value	Unit	Source
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af	0.3646		Cheméo Relay (1.0)
hf	-412.52	kJ/mol	Cheméo Relay (1.0)
hvap	82.96	kJ/mol	Cheméo Relay (1.0)
ie	10.01	eV	Cheméo Relay (1.0)
log10ws	-2.68		Cheméo Relay (1.0)
pc	2661.16	kPa	Cheméo Relay (1.0, beta)
tb	588.53	K	Cheméo Relay (1.0)
tc	792.20	K	Cheméo Relay (1.0)
tf	405.40	K	Cheméo Relay (1.0)

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C134805&Units=SI>

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

af:	Acentric Factor
hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point

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