Acetamide, N-(2,6-dimethylphenyl)-2-(ethylamino)-

Other names: 2',6'-Acetoxylidide, 2-(ethylamino)-
«omega»-(Ethylamino)-2',6'-dimethylacetanilide
Ethylglycylxylidide
L 86
Monoethylglycinexylidide
N-Ethylglycinexylidide
2-(Ethylamino)-2',6'-Acetoxylidine
Lidocaine N-de-ethylated metabolite
Norlidocaine

Inchi: InChI=1S/C12H18N2O/c1-4-13-8-11(15)14-12-9(2)6-5-7-10(12)3/h5-7,13H,4,8H2,1-3H3,

InchiKey: WRMRXPASUROZGT-UHFFFAOYSA-N

Formula: C12H18N2O

SMILES: CCNCC(O)=Nc1c(C)cccc1C

Mol. weight [g/mol]: 206.28

CAS: 7728-40-7

Physical Properties

Property code	Value	Unit	Source
hf	-103.75	kJ/mol	Joback Method
hvap	72.42	kJ/mol	Joback Method
log10ws	-2.84		Crippen Method
logp	2.501		Crippen Method
mcvol	177.710	ml/mol	McGowan Method
pc	2347.36	kPa	Joback Method
tb	729.51	K	Joback Method
tc	936.31	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Joback Method: https://en.wikipedia.org/wiki/Joback_method

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C7728407&Units=SI

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature