1-Piperidinepropanoic acid

Other names:	1-Piperidinepropionic acid
	Propanoic acid, 3-(1-piperidyl)-
	3-(1-Piperidinyl)propanoic acid
	Piperidine-1-propionic acid
Inchi:	InChI=1S/C8H15NO2/c10-8(11)4-7-9-5-2-1-3-6-9/h1-7H2,(H,10,11)
InchiKey:	LPDGWMLCUHULJF-UHFFFAOYSA-N
Formula:	C8H15NO2
SMILES:	O=C(O)CCN1CCCCC1
Mol. weight [g/mol]:	157.21
CAS:	26371-07-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	0.947		Crippen Method
mcvol	130.140	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	379.70	K	0.07	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C26371073&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure