

8-Azabicyclo[3.2.1]octan-3-ol, 8-methyl-, acetate (ester), endo-

Inchi:	InChI=1S/C10H17NO2/c1-7(12)13-10-5-8-3-4-9(6-10)11(8)2/h8-10H,3-6H2,1-2H3
InchiKey:	MDIDMOWWLBGYPG-UHFFFAOYSA-N
Formula:	C10H17NO2
SMILES:	CC(=O)OC1CC2CCC(C1)N2C
Mol. weight [g/mol]:	183.25
CAS:	3423-27-6

Physical Properties

Property code	Value	Unit	Source
ie	8.00 ± 0.15	eV	NIST Webbook
log10ws	-1.57		Crippen Method
logp	1.175		Crippen Method
mcvol	147.460	ml/mol	McGowan Method
rinpol	1578.60		NIST Webbook
rinpol	1578.60		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3423276&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

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/40-994-4/8-Azabicyclo-3-2-1-octan-3-ol-8-methyl-acetate-ester-endo.pdf>

Generated by Cheméo on 2025-12-05 12:49:14.586129297 +0000 UTC m=+4687152.116169961.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.