

Uracil, 6-amino-1,3-dimethyl-5-nitroso-

Other names:	6-amino-1,3-dimethyl-5-nitrosouracil
Inchi:	InChI=1S/C6H8N4O3/c1-9-4(7)3(8-13)5(11)10(2)6(9)12/h7H2,1-2H3
InchiKey:	MGBDANYXBKROBW-UHFFFAOYSA-N
Formula:	C6H8N4O3
SMILES:	Cn1c(N)c(N=O)c(=O)n(C)c1=O
Mol. weight [g/mol]:	184.15
CAS:	6632-68-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.29		Crippen Method
logp	-0.936		Crippen Method
mcvol	124.870	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6632684&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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