

PYRUVALDEHYDE DIOXIME

Other names:	3-Methylglyoxime Glyoxime, methyl- Methylglyoxal dioxime Propanal, 2-(hydroxyimino)-, oxime Pyruvaldehyde, dioxime Methylglyoxime
Inchi:	InChI=1S/C3H6N2O2/c1-3(5-7)2-4-6/h2,6-7H,1H3
InchiKey:	KFTHGQZJWAXFGG-UHFFFAOYSA-N
Formula:	C3H6N2O2
SMILES:	CC(C=NO)=NO
Mol. weight [g/mol]:	102.09

Physical Properties

Property code	Value	Unit	Source
chs	-1915.00	kJ/mol	NIST Webbook
logp	0.297		Crippen Method
mcvol	76.230	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1804155&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

chs:	Standard solid enthalpy of combustion
------	---------------------------------------

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/67-831-5/PYRUVALDEHYDE-DIOXIME.pdf>

Generated by Cheméo on 2026-07-21 08:10:36.806800294 +0000 UTC m=+132532.648685718.

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