

2,4-DINITROSO-1,3-NAPHTHALENEDIOL

Other names:	1,3-Naphthalenediol, 2,4-dinitroso-
Inchi:	InChI=1S/C10H6N2O4/c13-9-6-4-2-1-3-5(6)7(11-15)10(14)8(9)12-16/h1-4,13-14H
InchiKey:	OCCDIVIHMBZDON-UHFFFAOYSA-N
Formula:	C10H6N2O4
SMILES:	O=Nc1c(O)c(N=O)c2ccccc2c1O
Mol. weight [g/mol]:	218.17

Physical Properties

Property code	Value	Unit	Source
hf	-72.76	kJ/mol	Cheméo Relay (1.0)
logp	3.047		Crippen Method
mcvol	143.380	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C30436874&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.cheméo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

hf:	Enthalpy of formation at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/54-625-8/2-4-DINITROSO-1-3-NAPHTHALENEDIOL.pdf>

Generated by Cheméo on 2026-07-21 01:03:41.198839794 +0000 UTC m=+106917.040725179.

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