

Murexide

Other names:	Ammonium purpurate 2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-[(hexahydro-2,4,6-trioxo-5-pyrimidinyl)imino]-, monoammonium salt Acid ammonium purpurate Ammonium salt purpuric acid Barbituric acid, 5,5'-nitrilodi-, monoammonium salt 5-[(Hexahydro-2,4,6-trioxo-5-pyrimidinyl)imino]-2,4,6(1H,3H,5H)-pyrimidinetrione monoammonium salt Naples red ammonium 5-(2,4,6-trioxoperhydroypyrimidin-5-ylideneamino)barbiturate
Inchi:	InChI=1S/C8H5N5O6.H3N/c14-3-1(4(15)11-7(18)10-3)9-2-5(16)12-8(19)13-6(2)17;/h(H2
InchiKey:	LJYRLGOJYKPILZ-UHFFFAOYSA-N
Formula:	C8H8N6O6
SMILES:	<chem>N.O=C1N=C(O)C(=Nc2c(O)nc(O)nc2O)C(O)=N1</chem>
Mol. weight [g/mol]:	284.19
CAS:	3051-09-0

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	600.00	J/molxK	300.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3051090&Units=SI>

Legend

cps: Solid phase heat capacity

Latest version available from:

<https://www.cheméo.com/cid/45-494-4/Murexide.pdf>

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