

VANADYL PHTHALOCYANINE

Other names:	Phthalocyanine vanadyl
	Vanadium(IV) phthalocyanine oxide
	Vanadium, oxo[29H,31H-phthalocyaninato(2-)-N(29)-,N(30)-,N(31)-,N(32)-], (SP-5-12)
	Oxo(29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32)vanadium
	Oxovanadium phthalocyanine
Inchi:	InChI=1S/C32H16N8.O.V/c1-2-10-18-17(9-1)25-33-26(18)38-28-21-13-5-6-14-22(21)30(
InchiKey:	KPUWFTUOJACQEA-JPKGXJPDSA-N
Formula:	C32H16N8OV
SMILES:	[O]=[V].c1ccc2c(c1)C1=NC3=NC(=NC4=c5ccccc5=C([N]4)N=C4N=C(N=C2[N]1)c1cccc
Mol. weight [g/mol]:	579.48

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	46.50 ± 0.70	kJ/mol	625.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13930886&Units=SI>

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

hvapt: Enthalpy of vaporization at a given temperature

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