1,3,5-Triazine, 2,4,6-triphenoxy-

Other names:	2,4,6-Triphenoxy-s-triazine
	2,4,6-Triphenoxy-1,3,5-triazine
	s-Triazine, 2,4,6-triphenoxy-
	Triphenoxy-s-triazine
	Triphenyl cyanurate
	2,4,6-Tris-phenoxy-[1,3,5]triazine
	2,4,6-triphenyl-s-triazine
Inchi:	InChI=1S/C21H15N3O3/c1-4-10-16(11-5-1)25-19-22-20(26-17-12-6-2-7-13-17)24-21(23-
InchiKey:	IYDYVVVAQKFGBS-UHFFFAOYSA-N
Formula:	C21H15N3O3
SMILES:	c1ccc(Oc2nc(Oc3ccccc3)nc(Oc3ccccc3)n2)cc1
Mol. weight [g/mol]:	357.36
CAS:	1919-48-8

Physical Properties

Property code	Value	Unit	Source
chs	-10289.00 ± 4.00	kJ/mol	NIST Webbook
hfs	-119.00 ± 0.40	kJ/mol	NIST Webbook
log10ws	-5.67		Crippen Method
logp	5.248		Crippen Method
mcvol	259.260	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C1919488&Units=SI

Legend

chs:	Standard solid enthalpy of combustion
hfs:	Solid phase enthalpy of formation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume