2-N-tert-butyl-4-N-ethyl-6-methoxy-1,3,5-triazine-2

Inchi: InChI=1S/C10H19N5O/c1-6-11-7-12-8(15-10(2,3)4)14-9(13-7)16-5/h6H2,1-5H3,(H2,11,1
InchiKey: BCQMBFHBDZVHKU-UHFFFAOYSA-N
Formula: C10H19N5O
SMILES: CCNc1nc(NC(C)(C)C)nc(OC)n1
Mol. weight [g/mol]: 225.30

Physical Properties

Property code	Value	Unit	Source
hvap	97.64	kJ/mol	Cheméo Relay (1.0)
log10ws	-3.59		Cheméo Relay (1.0)
logp	1.522		Crippen Method
mcvol	183.770	ml/mol	McGowan Method
tf	399.53	K	Cheméo Relay (1.0)

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C33693048&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap: Enthalpy of vaporization at standard conditions
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
tf: Normal melting (fusion) point