Benzamide, 3,4-dimethoxy-N-hexyl-

Inchi: InChI=1S/C15H23NO3/c1-4-5-6-7-10-16-15(17)12-8-9-13(18-2)14(11-12)19-3/h8-9,11H,
InchiKey: WBTZKHUPMLWGPK-UHFFFAOYSA-N
Formula: C15H23NO3
SMILES: CCCCCCN=C(O)c1ccc(OC)c(OC)c1
Mol. weight [g/mol]: 265.35

Physical Properties

Property code	Value	Unit	Source
hf	-483.58	kJ/mol	Joback Method
hvap	77.48	kJ/mol	Joback Method
log10ws	-3.69		Crippen Method
logp	3.589		Crippen Method
mcvol	221.740	ml/mol	McGowan Method
pc	1737.56	kPa	Joback Method
rinpol	2357.00		NIST Webbook
rinpol	2357.00		NIST Webbook
tb	792.82	K	Joback Method
tc	992.22	K	Joback Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U408006&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf: Enthalpy of formation at standard conditions
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
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature