N-(3-Methoxy)Benzyllinoleamide

Inchi: InChI=1S/C26H41NO2/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-21-26(28)27-23-24-19
InchiKey: BMQBTHWVNBJSPS-NQLNTKRDSA-N
Formula: C26H41NO2
SMILES: CCCCCC=CCC=CCCCCCCCC(O)=NCc1cccc(OC)c1
Mol. weight [g/mol]: 399.61
CAS: 883715-22-8

Physical Properties

Property code	Value	Unit	Source
hf	-332.49	kJ/mol	Joback Method
hvap	98.81	kJ/mol	Joback Method
log10ws	-8.70		Crippen Method
logp	7.965		Crippen Method
mcvol	362.260	ml/mol	McGowan Method
pc	907.79	kPa	Joback Method
rinpol	3293.40		NIST Webbook
tb	1025.42	K	Joback Method
tc	1257.03	K	Joback Method

Sources

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=C883715228&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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