

Benzylidene-(3-ethoxyphenyl)-amine

Inchi:	InChI=1S/C15H15NO/c1-2-17-15-10-6-9-14(11-15)16-12-13-7-4-3-5-8-13/h3-12H,2H2,1H
InchiKey:	LXMLRYGCDHNFQU-FOWTUZBSSA-N
Formula:	C15H15NO
SMILES:	CCOc1cccc(N=Cc2ccccc2)c1
Mol. weight [g/mol]:	225.29

Physical Properties

Property code	Value	Unit	Source
hf	58.66	kJ/mol	Joback Method
hvap	59.92	kJ/mol	Joback Method
log10ws	-3.88		Crippen Method
logp	3.836		Crippen Method
mcvol	186.240	ml/mol	McGowan Method
pc	2197.95	kPa	Joback Method
rinpol	2058.00		NIST Webbook
tb	700.04	K	Joback Method
tc	946.33	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=R158373&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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

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