4-Butoxybenzylidene-4-ethylaniline

Other names:	4-Butoxybenzylidene-4-ethylaniline
	4-Butyloxybenzal-4'-ethylaniline
	p-Butoxybenzylidene p-ethylaniline
Inchi:	InChI=1S/C19H23NO/c1-3-5-14-21-19-12-8-17(9-13-19)15-20-18-10-6-16(4-2)7-11-18/h
InchiKey:	AUVREZVTBBIYLI-UHFFFAOYSA-N
Formula:	C19H23NO
SMILES:	CCCCOc1ccc(C=Nc2ccc(CC)cc2)cc1
Mol. weight [g/mol]:	281.40

Physical Properties

Property code	Value	Unit	Source
ie	7.45	eV	Cheméo Relay (1.0)
logp	5.178		Crippen Method
mcvol	242.600	ml/mol	McGowan Method
tb	660.84	K	Cheméo Relay (1.0)
tf	335.55	K	Cheméo Relay (1.0)

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C29743155&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient

mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point