1,3-Benzodioxole, 5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-

Other names: 1,3-Benzodioxole, 5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-
Toluene, «alpha»-[2-(2-butoxyethoxy)ethoxy]-4,5-(methylenedioxy)-2-propyl-
Butacide
Butocide
Butyl carbitol 6-propylpiperonyl ether
ENT 14,250
Pyrenone 606
6-Propylpiperonyl butyl diethylene glycol ether
«alpha»-(2-(2-n-Butoxyethoxy)-ethoxy)-4,5-methylenedioxy-2-propyltoluene
«alpha»(2-(2-Butoxyethoxy)ethoxy)-4,5-methylenedioxy-2-propyltoluene
(3,4-Methylenedioxy-6-propylbenzyl) (butyl) diethylene glycol ether
Butylcarbityl (6-propylpiperonyl) ether
Ethanol butoxide
FMC 5273
NCI-C02813
NIA 5273
PB
3,4-Methylendioxy-6-propylbenzyl-n-butyl-diaethylenglykolaether
3,4-Methylenedioxy-6-propylbenzyl n-butyl diethyleneglycol ether
5-Propyl-4-(2,5,8-trioxa-dodecyl)-1,3-benzodioxole
6-(Propylpiperonyl)butylcarbityl ether
Butoxide
FAC 5273
Nusyn-noxfish
Pyrenon
4,5-Methylenedioxy-2-propylbenzyldiethylene glycol butyl ether
Alleviate
Butoxide (synergist)
PBO
NSC 8401
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether

Inchi: InChI=1S/C19H30O5/c1-3-5-7-20-8-9-21-10-11-22-14-17-13-19-18(23-15-24-19)12-16(1

InchiKey: FIPWRIJSWJWJAI-UHFFFAOYSA-N

Formula: C19H30O5

SMILES: CCCCOCCOCCOCc1cc2c(cc1CCC)OCO2

Mol. weight [g/mol]: 338.44

Physical Properties

Property code	Value	Unit	Source
hfus	54.43	kJ/mol	Joback Method
logp	3.718		Crippen Method
mcvol	273.300	ml/mol	McGowan Method
rinpol	2366.00		NIST Webbook
rinpol	2366.00		NIST Webbook
rinpol	2407.00		NIST Webbook
rinpol	2358.00		NIST Webbook
rinpol	2407.00		NIST Webbook
ripol	3235.00		NIST Webbook
ripol	3235.00		NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	854.65	J/mol×K	808.31	Joback Method
cpg	871.56	J/mol×K	841.08	Joback Method
cpg	887.45	J/mol×K	873.86	Joback Method
cpg	902.34	J/mol×K	906.63	Joback Method
cpg	916.26	J/mol×K	939.40	Joback Method
cpg	929.24	J/mol×K	972.18	Joback Method
cpg	941.29	J/mol×K	1004.95	Joback Method
dvisc	0.0005758	Pa×s	509.88	Joback Method
dvisc	0.0003704	Pa×s	559.62	Joback Method
dvisc	0.0002561	Pa×s	609.36	Joback Method
dvisc	0.0001872	Pa×s	659.10	Joback Method
dvisc	0.0001430	Pa×s	708.83	Joback Method
dvisc	0.0001131	Pa×s	758.57	Joback Method
dvisc	0.0000921	Pa×s	808.31	Joback Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source

tbrp	428.20	K	0.04	NIST Webbook

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
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=C51036&Units=SI

Legend

cpg:	Ideal gas heat capacity
dvisc:	Dynamic viscosity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tbrp:	Boiling point at reduced pressure