

2,6-Pyridinedicarboxylic acid, butyl 4-octyl ester

Inchi:	InChI=1S/C19H29NO4/c1-4-7-11-15(10-6-3)24-19(22)17-13-9-12-16(20-17)18(21)23-14
InchiKey:	GKELPWPCASUSSF-UHFFFAOYSA-N
Formula:	C19H29NO4
SMILES:	CCCCOC(=O)c1cccc(C(=O)OC(CCC)CCCC)n1
Mol. weight [g/mol]:	335.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.02		Crippen Method
logp	4.554		Crippen Method
mcvol	279.670	ml/mol	McGowan Method
rinsol	2294.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368834&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinsol:	Non-polar retention indices

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