

2,6-Pyridinedicarboxylic acid, heptyl tridecyl ester

Inchi:	InChI=1S/C27H45NO4/c1-3-5-7-9-10-11-12-13-14-16-18-23-32-27(30)25-21-19-20-24(28)
InchiKey:	YUMXFMHCIZPAJV-UHFFFAOYSA-N
Formula:	C27H45NO4
SMILES:	CCCCCCCCCCCCOC(=O)c1cccc(C(=O)OCCCCCCC)n1
Mol. weight [g/mol]:	447.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.26		Crippen Method
logp	7.677		Crippen Method
mcvol	392.390	ml/mol	McGowan Method
rinsol	3146.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U369028&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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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