

# 2,6-Pyridinedicarboxylic acid, isobutyl 2-(2-methoxyethyl)heptyl ester

<b>Inchi:</b>	InChI=1S/C21H33NO5/c1-5-6-7-9-17(12-13-25-4)15-27-21(24)19-11-8-10-18(22-19)20(2
<b>InchiKey:</b>	QWBXFRXIKLXCBD-UHFFFAOYSA-N
<b>Formula:</b>	C21H33NO5
<b>SMILES:</b>	CCCCC(CCOC)COC(=O)c1cccc(C(=O)OCC(C)C)n1
<b>Mol. weight [g/mol]:</b>	379.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.35		Crippen Method
logp	4.284		Crippen Method
mcvol	313.720	ml/mol	McGowan Method
rinpola	2591.00		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U369184&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U369184&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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