

2,6-Pyridinedicarboxylic acid, butyl dodecyl ester

Inchi:	InChI=1S/C23H37NO4/c1-3-5-7-8-9-10-11-12-13-14-19-28-23(26)21-17-15-16-20(24-21)
InchiKey:	AKRUDNGXPGPWPU-UHFFFAOYSA-N
Formula:	C23H37NO4
SMILES:	CCCCCCCCCCCCOC(=O)c1cccc(C(=O)OCCCC)n1
Mol. weight [g/mol]:	391.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.58		Crippen Method
logp	6.116		Crippen Method
mcvol	336.030	ml/mol	McGowan Method
rinpola	2856.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368992&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/35-549-4/2-6-Pyridinedicarboxylic-acid-butyl-dodecyl-ester.pdf>

Generated by Cheméo on 2024-04-26 10:44:32.84101735 +0000 UTC m=+16417521.761594661.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.