

Isonipecotic acid, N-(bromoacetyl)-, decyl ester

Inchi:	InChI=1S/C18H32BrNO3/c1-2-3-4-5-6-7-8-9-14-23-18(22)16-10-12-20(13-11-16)17(21)1
InchiKey:	ONDPZPVRSJJUPB-UHFFFAOYSA-N
Formula:	C18H32BrNO3
SMILES:	CCCCCCCCCOC(=O)C1CCN(C(=O)CBr)CC1
Mol. weight [g/mol]:	390.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.65		Crippen Method
logp	4.304		Crippen Method
mcvol	290.110	ml/mol	McGowan Method
rinpol	2830.00		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=U361539&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
rinpol:	Non-polar retention indices

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