

Isonipecotic acid, N-(3-bromobenzoyl)-, heptyl ester

Inchi:	InChI=1S/C20H28BrNO3/c1-2-3-4-5-6-14-25-20(24)16-10-12-22(13-11-16)19(23)17-8-7-
InchiKey:	NQXFSVZNPNTNAP-UHFFFAOYSA-N
Formula:	C20H28BrNO3
SMILES:	CCCCCCCOC(=O)C1CCN(C(=O)c2cccc(Br)c2)CC1
Mol. weight [g/mol]:	410.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.90		Crippen Method
logp	4.815		Crippen Method
mcvol	294.530	ml/mol	McGowan Method
rinpol	3072.00		NIST Webbook

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U361515&Units=SI

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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