

Isonipecotic acid, N-methacryloyl-, decyl ester

Inchi: InChI=1S/C20H35NO3/c1-4-5-6-7-8-9-10-11-16-24-20(23)18-12-14-21(15-13-18)19(22)1
InchiKey: WGEMQGSWICUQOA-UHFFFAOYSA-N
Formula: C20H35NO3
SMILES: C=C(C)C(=O)N1CCCC(C(=O)OCCCCCCCCC)CC1
Mol. weight [g/mol]: 337.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.91		Crippen Method
logp	4.485		Crippen Method
mcvol	296.490	ml/mol	McGowan Method
rinpol	2608.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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=U360961&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

Latest version available from:

<https://www.chemeo.com/cid/54-180-2/Isonipecotic-acid-N-methacryloyl-decyl-ester.pdf>

Generated by Cheméo on 2025-12-07 05:48:44.025496979 +0000 UTC m=+4834721.555537646.

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