

Uridine, tris(trifluoroacetate)

Inchi: InChI=1S/C15H9F9N2O9/c16-13(17,18)9(28)32-3-4-6(34-10(29)14(19,20)21)7(35-11(30)12)2
InchiKey: SVSRMAMFZARWFX-UHFFFAOYSA-N
Formula: C15H9F9N2O9
SMILES: O=C(OCC1OC(n2ccc(=O)[nH]c2=O)C(OC(=O)C(F)(F)F)C1OC(=O)C(F)(F)F)C(F)(F)F
Mol. weight [g/mol]: 532.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.92		Crippen Method
logp	0.006		Crippen Method
mcvol	263.410	ml/mol	McGowan Method
rinpola	1945.90		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=U380305&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/34-372-1/Uridine-tris-trifluoroacetate.pdf>

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