Glutarimide, N-(3,5-di(trifluoromethyl)benzyl)-

Inchi: InChI=1S/C14H11F6NO2/c15-13(16,17)9-4-8(5-10(6-9)14(18,19)20)7-21-11(22)2-1-3-12
InchiKey: WHHCJNUGNYHOIF-UHFFFAOYSA-N
Formula: C14H11F6NO2
SMILES: O=C1CCCC(=O)N1Cc1cc(C(F)(F)F)cc(C(F)(F)F)c1
Mol. weight [g/mol]: 339.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.67		Crippen Method
logp	3.763		Crippen Method
mcvol	197.240	ml/mol	McGowan Method
rinpol	1678.00		NIST Webbook
rinpol	1678.00		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=U360779&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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