RAZOXIN

Other names: .+/-.-(3,5,3',5'-Tetraoxo)-1,2-dipiperazinopropane
(.+/-.)-1,2-Bis(3,5-dioxopiperazinyl)propane
ICRF 159
NSC 129943
Propane, (.+/-.)-1,2-bis(3,5-dioxopiperazin-1-yl)-
Razoxin
2,6-Piperazinedione, 4,4'-(1-methyl-1,2-ethanediyl)bis-, (.+/-.)-
2,6-Piperazinedione, 4,4'-propylenedi-
2,6-Piperazinedione, 4,4'-propylenedi-, (.+/-.)-
(.+/-.)-1,2-Bis(3,5-dioxopiperazine-1-yl)propane
NCI-C01627
(.+/-.)-4,4'-Propylenedi-2,6-piperazinedione
(.+/-.)-Razoxane
ICI-59118
1,2-Bis(3,5-dioxo-1-piperazinyl)propane
2,6-Piperazinedione, 4,4'-(1-methyl-1,2-ethanediyl)bis-
4,4'-Propylenebis(2,6-piperazinedione)
Tepirone
Troxozone
4,4'-propylenebis(piperazine-2,6-dione)
(+) 4,4'-(1-Methyl-1,2-ethanediyl)bis-2,6-piperazinedione (dexrazoxane)

Inchi: InChI=1S/C11H16N4O4/c1-7(15-5-10(18)13-11(19)6-15)2-14-3-8(16)12-9(17)4-14/h7H,2

InchiKey: BMKDZUISNHGIBY-UHFFFAOYSA-N

Formula: C11H16N4O4

SMILES: CC(CN1CC(=O)NC(=O)C1)N1CC(=O)NC(=O)C1

Mol. weight [g/mol]: 268.27

Physical Properties

Property code	Value	Unit	Source
logp	-2.708		Crippen Method
mcvol	190.330	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C21416671&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume