

Sulfathiazole

Other names:	2-(Sulfanilylamino)thiazole
	2-(p-Aminobenzenesulfonamido)thiazole
	2-(p-Aminobenzenesulphonamido)thiazole
	2-Sulfanilamidothiazol
	2-Sulfanilamidothiazole
	2-Sulfathiazole
	2090 R.P.
	4-Amino-N-2-thiazolylbenzenesulfonamide
	4-Amino-N-2-thiazolylbenzenesulfonamide (sulfathiazole)
	4-[(1,3-Thiazol-2-yl)aminosulfonyl]aniline
	Azoquimiol
	Azoseptale
	Benzenesulfonamide, 4-amino-N-2-thiazolyl-
	Cerazol
	Cerazol (suspension)
	Cerazole
	Chemosept
	Ciba 3714
	Cibazol
	Coco-Thiazole
	Duatok
	Dulana
	Eleudron
	Enterobiocine
	Estafilol
	Formosulfathiazole
	M&B 760
	M+B 760
	N'-(2-Thiazolyl)sulfanilamide
	N(Sup1)-(2-Thiazolyl)sulfanilamide
	N-(2-thiazolyl)sulfanilamide
	N-1-2-Thiazolylsulfanilamide
	Neostrepsan
	Norsulfasol
	Norsulfazole
	Planomide
	Poliseptil
	RP 2090
	Sanotiazol
	Septozol

Sulfamul

Sulfanilamide, N1-2-thiazolyl-

Sulfanilamide, N1-4-thiazolin-2-ylidene-

Sulfanilamidothiazole

Sulfathiazol

Sulfavitina

Sulfocerol

Sulphathiazole

Sulzol

Thiacoccine

Thiasulfol

Thiazamide

Thiozamide

USAF SN-9

Wintrazole

Inchi:

InChI=1S/C9H9N3O2S2/c10-7-1-3-8(4-2-7)16(13,14)12-9-11-5-6-15-9/h1-6H,10H2,(H,11

InchiKey:

JNMRHUJNCSQMMB-UHFFFAOYSA-N

Formula:

C9H9N3O2S2

SMILES:

Nc1ccc(S(=O)(=O)Nc2nccs2)cc1

Mol. weight [g/mol]:

255.32

CAS:

72-14-0

Property code	Value	Unit	Temperature [K]	Source
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Sources

Effect of presence of alpha-cyclodextrin and aqueous solubility of sulfathiazole at different temperatures. Thermodynamic and spectroscopic studies: NIST Webbook.

<https://www.doi.org/10.1016/j.jct.2017.12.017>

Aqueous Solubility Prediction Method: <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDataset002.xlsx>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Crippen Method: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C72140&Units=SI>

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

hfust: Enthalpy of fusion at a given temperature

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

tf: Normal melting (fusion) point

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