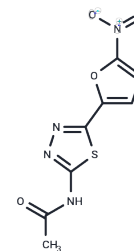


Furothiazole

Chemical Properties

CAS No. :	2578-75-8
Formula:	C ₈ H ₆ N ₄ O ₄ S
Molecular Weight:	254.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Furothiazole is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9336 mL	19.668 mL	39.336 mL
5 mM	0.7867 mL	3.9336 mL	7.8672 mL
10 mM	0.3934 mL	1.9668 mL	3.9336 mL
50 mM	0.0787 mL	0.3934 mL	0.7867 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mattammal MB, Zenser TV, Palmier MO, Davis BB. Renal reduced nicotinamide adenine dinucleotide phosphate: cytochrome c reductase-mediated metabolism of the carcinogen N-[4-(5-nitro-2-furyl)-2-thiazolyl]acetamide. *Cancer Res.* 1985 Jan;45(1):149-56. PubMed PMID: 3917370.

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Polnaszek CF, Peterson FJ, Holtzman JL, Mason RP. No detectable reaction of the anion radical metabolite of nitrofurans with reduced glutathione or macro-molecules. *Chem Biol Interact.* 1984 Oct;51(3):263-71. PubMed PMID: 6091928.

Headley DB, Klopp RG, Michie PM, Ertürk E, Bryan GT. Temporal comparisons of immune status and target organ histology in mice fed carcinogenic 5-nitrofurans and their nornitro analogs. *Cancer Res.* 1981 Apr;41(4):1397-1401. PubMed PMID: 7214326.

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