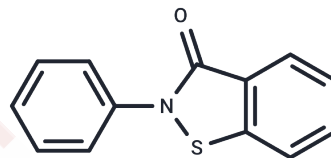


Ebsulfur

Chemical Properties

CAS No. :	2527-03-9
Formula:	C ₁₃ H ₉ NOS
Molecular Weight:	227.28
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	Ebsulfur is a benzisothiazolone parasitic inhibitor targeting the trypanothione reductase (TryR) of <i>Trypanosoma brucei</i> , with an IC ₅₀ value ranging from 61 to 293 nM for this parasite. Ebsulfur is utilized in the study of African trypanosomiasis.
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3999 mL	21.9993 mL	43.9986 mL
5 mM	0.880 mL	4.3999 mL	8.7997 mL
10 mM	0.440 mL	2.1999 mL	4.3999 mL
50 mM	0.088 mL	0.440 mL	0.880 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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