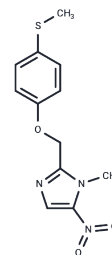


Fexinidazole

Chemical Properties

CAS No. :	59729-37-2
Formula:	C ₁₂ H ₁₃ N ₃ O ₃ S
Molecular Weight:	279.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Fexinidazole (HOE 239) is an antiparasitic agent. It has activity against <i>Trypanosoma cruzi</i> , <i>Tritrichomonas foetus</i> , <i>Trichomonas vaginalis</i> , <i>Entamoeba histolytica</i> , <i>Trypanosoma brucei</i> , and <i>Leishmania donovani</i> . The biologically relevant active metabolites in vivo are the sulfoxide and sulfone.
Targets(IC50)	Others,Parasite
Kinase Assay	Promoter-luciferase reporter assay: A 2,767-bp sequence of human survivin gene promoter is isolated from human genomic DNA by PCR using Pyrobest polymerase and the following primers: 5

Solubility Information

Solubility	DMSO: 50 mg/mL (179.01 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5803 mL	17.9013 mL	35.8025 mL
5 mM	0.7161 mL	3.5803 mL	7.1605 mL
10 mM	0.358 mL	1.7901 mL	3.5803 mL
50 mM	0.0716 mL	0.358 mL	0.7161 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.

Reference

Raether W, Seidenath H. Ann Trop Med Parasitol. 1983 Feb;77(1):13-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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