

Metallibure

Chemical Properties

CAS No. :	926-93-2
Formula:	C7H14N4S2
Molecular Weight:	218.34
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	Metallibure (ICI 33828) is a derivative of dithiocarbamoyl hydrazine and functions as a gonadotrophic inhibitor. It interferes with the action of pituitary gonadotropins in bony fish, thereby inhibiting the maturation of germ cells. While Metallibure does not affect the histological structure of the thyroid, it does reduce the nuclear volume of thyroid epithelial cells. This compound is utilized in the study of endocrine disorders.
Targets(IC50)	GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.580 mL	22.9001 mL	45.8001 mL
5 mM	0.916 mL	4.580 mL	9.160 mL
10 mM	0.458 mL	2.290 mL	4.580 mL
50 mM	0.0916 mL	0.458 mL	0.916 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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