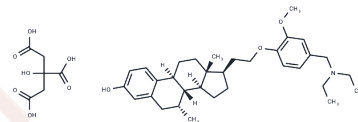


## TAS-108 citrate

## Chemical Properties

CAS No. :	229634-98-4
Formula:	C39H55NO10
Molecular Weight:	697.86
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	TAS-108, also known as SR16234, is a synthetic, antiestrogenic steroidal compound with potential antitumor activity. TAS-108 binds to and inhibits estrogenic receptor alpha (ERα), mainly expressed in the mammary gland and uterus and upregulated in estrogen-dependent tumors. Blockage of ERα by TAS-108 prevents the binding and effects of estrogen and may lead to an inhibition of estrogen-dependent cancer cell proliferation. TAS-108 also is a partial agonist of the estrogenic receptor beta (ERβ), expressed in many tissues including the central nervous system, urogenital tract, bone and cardiovascular system, thereby exerting a positive effect on these tissues.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.433 mL	7.1648 mL	14.3295 mL
5 mM	0.2866 mL	1.433 mL	2.8659 mL
10 mM	0.1433 mL	0.7165 mL	1.433 mL
50 mM	0.0287 mL	0.1433 mL	0.2866 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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