

Glutaurine TFA

Chemical Properties

CAS No. :

Formula: C₉H₁₅F₃N₂O₈S

Molecular Weight: 368.28

Keep away from moisture

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	Glutaurine (Litoralon) TFA, a compound featuring glutamine and taurine residues, functions as an orally active parathyroid hormone. Originating from the oxyphil cells of the parathyroid gland, this hormone is employed in the study of antiepileptic and anti-amnesia treatments, as evidenced by references [1] [2] [3] [4].
Targets(IC50)	Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7153 mL	13.5766 mL	27.1533 mL
5 mM	0.5431 mL	2.7153 mL	5.4307 mL
10 mM	0.2715 mL	1.3577 mL	2.7153 mL
50 mM	0.0543 mL	0.2715 mL	0.5431 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.

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