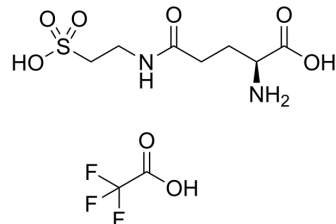


Glutaurine TFA

Cat. No.:	HY-106608A
Molecular Formula:	C ₉ H ₁₅ F ₃ N ₂ O ₈ S
Molecular Weight:	368.28
Target:	Thyroid Hormone Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (339.42 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Glutaurine (Litoralon) TFA containing glutamine and taurine residues is an orally active hormone of the parathyroid. Glutaurine (Litoralon) TFA, as a hormone, is isolated from parathyroid gland oxyphil cells. Glutaurine (Litoralon) TFA can be used for the research of antiepileptic and anti-amnesia^{[1][2][3][4]}.

REFERENCES

- [1]. Balázs M, et al. Effects of glutaurine treatment on electroshock-induced amnesia. Antiamnesic action of glutaurine. *Neuropeptides*. 1988;12(2):55-58.
- [2]. Feuer L, et al. Effect of glutaurine, a newly discovered parathyroid hormone on rat thymus cultures. *Acta Morphol Acad Sci Hung*. 1978;26(2):87-94.
- [3]. Baskin S, et al. The effect of glutaurine on thyroid hormones in the rat. *Neuropeptides*. 1987;9(1):45-50.
- [4]. Uemura S, et al. Gamma-glutamyltaurine has potent and long-lasting antiepileptic action as demonstrated by intra-amygdaloid injection in amygdala-kindled rats. *Brain Res*. 1992;594(2):347-350.

Caution: Product has not been fully validated for medical applications. For research use only.

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