
Product Data Sheet

Product Name: Glutaurine TFA

Cat. No.: GC69177

Chemical Properties

Cas. No.

Formula C₉H₁₅F₃N₂O₈S

M.Wt 368.28

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

Storage Store at -20°C, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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

[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 paratroid hormone on rat tmus cultures. Acta Morphol Acad Sci Hung. 1978;26(2):87-94.

[3]. Baskin S, et al. The effect of glutaurine on troid 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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