
Product Data Sheet

Product Name: 6-Benzoylheteratisine

Cat. No.: GC65593

Chemical Properties

Cas. No. 99759-48-5

Formula C₂₉H₃₇N₆O₆ M.Wt 495.61

Solubility Storage 4°C, protect from light

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

6-Benzoylheteratisine is a naturally occurring antagonist of the Na⁺ channel activator aconitine[1].

6-Benzoylheteratisine (3 μM) decreases the amplitude of the presynaptic fiber spike at all stimulus intensities tested and shifts the curve to the right[1]. 6-benzoylheteratisine is capable of inhibiting stimulus-triggered epileptiform activity recorded in CA1 stratum pyramidale[1].

[1]. A Ameri, et al. Interaction of the structurally related aconitum alkaloids, aconitine and 6-benzoylheteratisine, in the rat hippocampus. Eur J Pharmacol. 1999 Dec 15;386(2-3):187-94.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA