
Product Data Sheet

Product Name: Galanin (1-29)(rat, mouse) TFA

Cat. No.: GC69142

Chemical Properties

Cas. No.

Formula C₁₄₃H₂₁₂F₃N₄₃O₄₃

M.Wt 3278.47

Solubility

Storage Store at -20°C

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**

galanin receptor agonist, with K_i s of 0.98, 1.48 and 1.47 nM for GAL1, GAL2 and GAL3, respectively. Anticonvulsant effect^{[1][2]}.

[1]. Wang S, et al. Cloning and expressional characterization of a novel galanin receptor. Identification of different pharmacophores within galanin for the three galanin receptor subtypes. J Biol Chem. 1997;272(51):31949-31952.

[2]. Mazarati A, et al. Regulation of kindling epileptogenesis by hippocampal galanin type 1 and type 2 receptors: The effects of subtype-selective agonists and the role of G-protein-mediated signaling. J Pharmacol Exp Ther. 2006;318(2):700-708.

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

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