
Product Data Sheet

Product Name: Secretoneurin, rat

Cat. No.: GC37621

Chemical Properties

Cas. No. 149146-12-3

Formula $C_{159}H_{252}N_{40}O_{58}$

M.Wt 3651.95

Solubility DMSO : 100 mg/mL (27.38 mM; Need ultrasonic); H₂O : 5 mg/mL (1.37 mM; Need ultrasonic)

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**

Secretoneurin, rat, a 33-amino acid polypeptide, is generated by proteolytic processing of secretogranin II (SgII). Secretoneurin, rat induces dopamine release in the rat striatum in vivo and in vitro, and it exerts a very strong chemotactic effect on monocytes and eosinophils but not on granulocytes[1].

[1]. Troger J, et al. Secretoneurin in the peripheral ocular innervation. Invest Ophthalmol Vis Sci. 2005 Feb;46(2):647-54.

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

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