

Product Data Sheet

Product Name: Guanylin (mouse, rat) (TFA)

Cat. No.: GC74390

Chemical Properties

Cas. No.

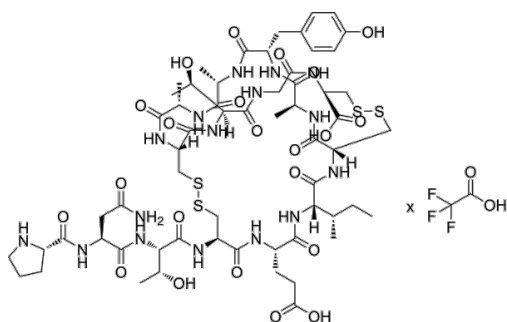
Formula $C_{60}H_{90}N_{16}O_{22}S_4 \cdot xC_2HF_3O_2$ M.Wt 1515.71 (free base)

Solubility H_2O : 4.95 mg/mL (adjust pH to 9 with 1 M NaOH) Storage Sealed storage, 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

Guanylin (mouse, rat) TFA, a peptide, is composed of 15 amino acids. Guanylin (mouse, rat) TFA is an activator of intestinal guanylate cyclase. Guanylin (mouse, rat) TFA can be used for the research of diarrhea.

References:

[1]. Currie MG, et al. Guanylin: an endogenous activator of intestinal guanylate cyclase. Proc Natl Acad Sci U S A. 1992 Feb 1;89(3):947-51.

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

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