

Product Data Sheet

Product Name: Anxiety Peptide

Cat. No.: GA20775

Chemical Properties

Cas. No. 95237-86-8

Formula $C_{81}H_{138}N_{24}O_{29}$

M.Wt 1912.13

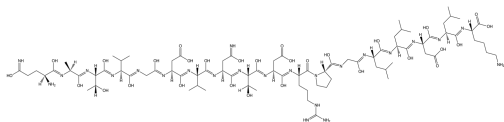
Solubility Soluble in DMSO

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

Anxiety Peptide, also known as Octadecaneuropeptide (ODN), is produced by trypsin digestion of diazepam binding inhibitor (DBI). Anxiety Peptide binds to benzodiazepine receptors and appears to increase anxiety^[1]. The sequence of Anxiety Peptide is Gln-Ala-Thr-Val-Gly-Asp-Val-Asn-Thr-Asp-Arg-Pro-Gly-Leu-Leu-Asp-Leu-Lys.

References:

[1] Marx J L. "Anxiety Peptide" Found in Brain: A peptide that occurs naturally in brain appears to act through the benzodiazepine receptor to bring about an increase in anxiety[J]. Science, 1985, 227(4689): 934-934.

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

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