
Product Data Sheet

Product Name: Neuromedin S (human)

Cat. No.: GA24150

Chemical Properties

Cas. No. 1138204-27-9

Formula M.Wt 3791.34

Solubility Storage < -15°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

The 33-amino acid neuropeptide neuromedin S (NMS) was originally isolated from rat brain as an endogenous ligand for two orphan G protein-coupled receptors FM-3/GPR66 and FM-4/TGR-1, which have been identified as neuromedin U (NMU) receptors. hNMS-33 is specifically expressed in the suprachiasmatic nuclei (SCN) of the hypothalamus. It has been shown that NMS is implicated in the regulation of circadian rhythms through autocrine and/or paracrine actions.

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

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