
Product Data Sheet

Product Name: γ -2-MSH (41-58), amide

Cat. No.: GC38009

Chemical Properties

Cas. No. 799841-81-9

Formula C₇₄H₁₀₀N₂₂O₁₅S

M.Wt

1569.79

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**

γ -2-MSH (41-58), amide is derived from γ -2-MSH. γ -2-MSH is a twelve amino acid peptide that is derived from the N-terminal fragment of proopiomelanocortin (POMC) and contains the His-Phe-Arg-Trp motif common to all melanocortin endogenous agonist ligands[1].

[1]. Joseph CG, et al. γ -Melanocyte stimulation hormone (γ -MSH) truncation studies results in the cautionary note that γ -MSH is not selective for the mouse MC3R over the mouse MC5R. Peptides. 2010 Dec;31(12):2304-13.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA