Product Data Sheet

Product Name: Nesfatin-1 (24-53), human
Cat. No.: GC81518

Chemical Properties

Cas. No.			
Formula	$C_{168}H_{260}N_{42}O_{51}$	M.Wt	3684.11
Solubility	H_2O: 10 mg/mL (2.71 mM; Need ultrasonic)	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.		

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

Pro-Asp-Thr-Gly-Leu-Tyr-Tyr-Asp-Glu-
Tyr-Leu-Lys-Gln-Val-Ile-Asp-Val-Leu-
Glu-Thr-Asp-Lys-His-Phe-Arg-Glu-Lys-
Leu-Gln-Lys-NH2

Background

Nesfatin-1 (24-53), human is a fragment of human Nesfatin-1. Human Nesfatin-1 protein can rapidly inhibit food intake [1].

References:
[1]. Shousha S, et al. Effect of central and peripheral Nesfatin-1 on food intake in Japanese quail. Amer. Assn. Sci. Tech. J. Biol, 2015, 1(1): 1-9.

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