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## Product Data Sheet

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Product Name: VSKQMEEEEAVRLFIEWLKNGGPSSGAPPPS

Cat. No.: GC34248

### Chemical Properties

Cas. No.

SMILES Val-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser

Formula M.Wt 3241.7

Solubility Soluble in Water 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

VSKQMEEEEAVRLFIEWLKNGGPSSGAPPPS is the first N-terminal 1-28 residues of Exendin-4 peptide.

Exendin-4 is a pure GLP-1 receptor agonist. Exendin-4 peptide derivatives are structurally derived from Exendin-4 and may relates to dual GLP-1/glucagon receptor agonists. Their medical use, for example in the treatment of disorders of the metabolic syndrome, including diabetes and obesity, as well as for reduction of excess food intake. These dual GLP-1/glucagon receptor agonists show reduced activity on the GIP receptor to reduce the risk of hypoglycemia[1].

[1]. US20150315260 A1

**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