

---

**Product Data Sheet**

---

Product Name: Smcy HY Peptide 738-746

Cat. No.: GC37650

**Chemical Properties**

Cas. No. 207113-06-2

Formula C<sub>48</sub>H<sub>82</sub>N<sub>18</sub>O<sub>14</sub>S

M.Wt 1167.34

Solubility H<sub>2</sub>O : 100 mg/mL (85.66 mM; Need ultrasonic)

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**

Smcy HY Peptide (738-746) is a H2-Db-restricted peptide corresponding to amino acids 738-746 of Smcy protein[1].

[1]. Hess SM, et al. Deletion of naïve T cells recognizing the minor histocompatibility antigen HY with toxin-coupled peptide-MHC class I tetramers inhibits cognate CTL responses and alters immunodominance. *Transpl Immunol.* 2013 Dec;29(1-4):138-45.

**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

---