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**Product Data Sheet**

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Product Name: [Asp371]-Tyrosinase (369-377), human

Cat. No.: GC35014

**Chemical Properties**

Cas. No. 168650-46-2

Formula  $C_{42}H_{66}N_{10}O_{16}S_2$ 

M.Wt

1031.16

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**

Tyrosinase 369-377, human is a HLA-A2.1-restricted epitope derived from tyrosinase, has been used to develop tumor-targeted vaccines with mixed efficacy[1][2].

[1]. Guillaume B, et al. Analysis of the processing of seven human tumor antigens by intermediate proteasomes. J Immunol. 2012 Oct 1;189(7):3538-47. [2]. Mitchell MS, et al. Phase I trial of adoptive immunotherapy with cytolytic T lymphocytes immunized against a tyrosinase epitope. J Clin Oncol. 2002 Feb 15;20(4):1075-86.

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

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