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**Product Data Sheet**

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Product Name: Iα52  
Cat. No.: GC36357

**Chemical Properties**

Cas. No. 137756-45-7

Formula C<sub>73</sub>H<sub>118</sub>N<sub>20</sub>O<sub>25</sub> M.Wt 1675.84

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**

Iα52 is a naturally processed peptide encompassed the residues 52-68 of the murine I-Eα chain and may contribute to selection of immature T cells[1].

[1]. Bonnin D, et al. Ontogeny of synonymous T cell populations with specificity for a self MHC epitope mimicked by a bacterial homologue: an antigen-specific T cell analysis in a non-transgenic system. Eur J Immunol. 1999 Dec;29(12):3826-36.

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

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