
Product Data Sheet

Product Name: Lys-Lys-IRS-1 (891-902) (dephosphorylated) (human)

Cat. No.: GA23160

Chemical Properties

Cas. No. 172615-51-9

Formula $C_{73}H_{114}N_{18}O_{22}$ M.Wt 1595.82Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Substrate for the insulin-like growth factor 1 receptor (IGF-1R) tyrosine kinase domain ($K_m 26 \pm 3.9 \mu M$; $k_{cat}/K_m 2.6 \cdot 10^3 M^{-1}min^{-1}$). The sequence is based on the phosphorylation site Tyr of the 185 kDa insulin receptor substrate-

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

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