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**Product Data Sheet**

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Product Name: Ac-Ser-Asp-Lys-Pro-OH

Cat. No.: GA24064

**Chemical Properties**

Cas. No. 120081-14-3

Formula C<sub>20</sub>H<sub>33</sub>N<sub>5</sub>O<sub>9</sub> M.Wt 487.51

Solubility Storage &lt; -15°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**

The bioactive tetrapeptide goralatide which corresponds to the N-terminus of Thymosin  $\beta$ ?, is a physiological regulator of hematopoiesis and inhibits the entry into the S-phase of murine and human hematopoietic stem cells. Ac-SDKP has been shown to reduce the damage to specific compartments in the bone marrow resulting from treatment with chemotherapeutic agents, ionizing radiations, hyperthermy, or phototherapy. It protects from doxorubicin-induced toxicity. Ac-SDKP is a physiological substrate of angiotensin I-converting enzyme (ACE).

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

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