**Delta Sleep Inducing Peptide**

**Product Information**

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Size</th>
<th>List Price</th>
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</thead>
<tbody>
<tr>
<td>D1643</td>
<td>1 mg</td>
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<td>D1643</td>
<td>5 mg</td>
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</table>

**Chemical Name**

**CAS No.** 62568-57-4

**Synonym**

**Formula** $\text{C}_{35}\text{H}_{48}\text{N}_{10}\text{O}_{15}$

**Formula Wt.** 848.83

**Melting Point**

- **Purity** ≥95%
- **Solubility** Soluble in water.

**Store Temp** -20°C

**Ship Temp** Ambient

**Description**

Delta sleep-inducing peptide exhibits anticonvulsant/antiepileptic and neuromodulatory activities. In vivo, this peptide decreases the incidence, severity, and duration of metaphit-induced seizures. Delta sleep-inducing peptide potentiates GABA currents and inhibits potentiation of NMDA currents in vivo. Additionally, this peptide exhibits hypoglycemia-like properties in other animal models, inhibiting non-enzymatic glycosylation of hemoglobin and decreasing protein oxidation. In myoleukemia cells, delta sleep-inducing peptide decreases expression of HSP70.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.