**Product Name:** Myriocin  
**Product Number:** M045  
**CAS Number:** 35891-70-4  
**Molecular Formula:** C21H39NO6  
**Molecular Weight:** 401.5  
**Appearance:** Off-white to grey powder  
**Storage Conditions:** -20°C  
**Description:** Myriocin is an α-amino fatty acid derived from several genera of fungi, notably *Myriococcum*, *Melanconis* and *Isaria*. Myriocin is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.  
**Mechanism of Action:** Myriocin potently inhibits sphingosine biosynthesis by blocking the first enzyme in the pathway, serine palmitoyltransferase. Myriocin induces apoptosis by depleting cellular sphingolipids, inhibits proliferation of IL-2-dependent mouse cytotoxic cells and is a potent immunosuppressant.  
**References:**  

If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/