

**Product Name:** Leucanicidin

**Product Number:** L028

**CAS Number:** 91021-66-8

**Molecular Formula:**  $C_{42}H_{70}O_{13}$

**Molecular Weight:** 783.0

**Appearance:** White to off white solid

**Description:** Leucanicidin is a potent nematocide and insecticide belonging to the bafilomycin class. Lack of access to the pure metabolite has limited its investigation, however structural differences between leucanicidin and the bafilomycins offer scope for investigations into the use of V-ATPases as therapeutic targets.

Leucanicidin is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility. NOTE: forms methyl ketal on long term storage in methanol.

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