Product Name: Sporidesmolide

Product Number: S095

CAS Number: 11113-90-9

Molecular Formula: \( \text{C}_{34}\text{H}_{60}\text{N}_{4}\text{O}_{8} \) (for sporidesmolide II)

Molecular Weight: 652.9

Appearance: Off white to light tan solid

Storage Conditions: -20°C

Description: Sporidesmolide is a family of five closely related cyclic depsipeptides produced by Pithomyces chartarum, the pathogen responsible for facial eczema in sheep, first reported by Russell and colleagues at CSIR in New Zealand in 1961. Sporidesmolide complex contains three dominant components, I, II and V, with lesser quantities of the more polar III and only traces of sporidesmolide IV. The biological activity of the sporidesmolides has not been reported in the literature.

Sporidesmolide is soluble in ethanol, methanol, DMF and DMSO.

References:


