

Product Name:	Tenellin
Product Number:	T078
CAS Number:	53823-15-7
Molecular Formula:	C ₂₁ H ₂₃ NO ₅
Molecular Weight:	369.4
Appearance:	Yellow solid
Storage Conditions:	-20°C
Description:	<p>Tenellin is a yellow pigment produced by species of the genus <i>Beauveria</i>, isolated and reported by Canadian researchers in 1968. Structure elucidation in 1977 showed that tenellin belongs to the rare 4-hydroxypyridone class containing a dienone side chain. Little has been published on the biological activity of tenellin despite the extensive use of <i>Beauveria</i> species, capable of producing tenellin, as biocontrol agents for agrochemical pests.</p> <p>Tenellin is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Pigments of the genus <i>Beauveria</i>. El Basyouni S.H. et al. <i>Canad. J. Bot.</i> 1968, 46, 441.</p> <p>The yellow pigments of <i>Beauveria</i> species. Structures of tenellin and bassianin. Wat C-K. et al. <i>Canad. J. Chem.</i> 1977, 55, 4090.</p> <p>4-Hydroxy-2-pyridone alkaloids: Structures and synthetic approaches. Jessena H.J. and Gademann K. <i>Nat. Prod. Rep.</i> 2010, 27, 1168.</p>