

<b>Product Name:</b>	Spinosyn D 17-pseudoaglycone
<b>Product Number:</b>	S088
<b>CAS Number:</b>	131929-68-5
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>50</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	590.7
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Spinosyn D 17-pseudoaglycone is an acid degradation product produced by selective hydrolysis of the more labile forosamine saccharide in the 17-position in spinosyn D, the minor component of commercial product, Spinosad. Spinosyn D 17-pseudoaglycone is only weakly active as an insecticide as the forosamine moiety is considered essential for potent activity. Despite the importance of spinosyns as agro-chemical insecticides and more recently as animal health products, there are few published reports of the biological activity or the levels of spinosyn D 17-pseudoaglycone in animals or in the environment.</p> <p>Spinosyn D 17-pseudoaglycone is soluble in ethanol, methanol, DMF or DMSO.</p>
<b>References:</b>	<p>Conversion of spinosyn A and spinosyn D to their respective 9- and 17-pseudoaglycones and their aglycones. Creemer L.C. et al. J. Antibiot. 1998, 51, 795.</p> <p>Environmental fate of spinosad. 1. Dissipation and degradation in aqueous systems. Cleveland C.B. et al. J. Agric. Food Chem. 2002, 50, 3244.</p>