

Product Name:	Spinosyn A aglycone
Product Number:	S086
CAS Number:	149560-97-4
Molecular Formula:	$C_{24}H_{34}O_5$
Molecular Weight:	402.5
Appearance:	White solid
Description:	<p>Spinosyn A aglycone is an acid degradation product produced by hydrolysis of both saccharide groups on spinosyn A, the major component of the commercial insecticide, spinosad. Spinosyn A aglycone is only weakly active as an insecticide as the saccharides are 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 A aglycone in animals or in the environment.</p> <p>Spinosyn A aglycone is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<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>