



# Sultricin PRODUCT DATA SHEET

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<b>Product Name:</b>	Sultricin
<b>Product Number:</b>	S104
<b>CAS Number:</b>	131774-59-9
<b>Molecular Formula:</b>	$C_{23}H_{34}NaO_8P$
<b>Molecular Weight:</b>	470.6
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Sultricin is the dominant analogue in a family of triene antibiotics originally thought to be sulfate esters, but recently unequivocally proven to be phosphate esters. While re-naming of the compound as "phostriecin" may cause confusion with "fostriecin", it is now recognised that sultricin is a phosphate ester of fostriecin. Sultricin displays potent antifungal and antitumor activity.</p> <p>Sultricin is soluble in water, optimal stability in aqueous buffered solutions at pH 6.5. NOTE: hydrolysis of the phosphate ester will result from inappropriate storage.</p>
<b>References:</b>	<p>Sultricin, a new antifungal and antitumor antibiotic from <i>Streptomyces roseiscleroticus</i>. Production, isolation, structure and biological activity. Ohkuma, H. et al. J. Antibiot. 1992, 45, 1239.</p> <p>Fostriecin: chemistry and biology. Lewy D.S. Curr. Med. Chem. 2002, 9, 2005.</p>

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