


Specification

**Novobiocin Sodium Salt *BioChemica***

**A1944**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1944
<b>Product Name:</b>	Novobiocin Sodium Salt <i>BioChemica</i>
<b>Specifications:</b>	<p>Assay (from N): min. 95 %</p> <p><math>\alpha</math>25°C/D; 5 %, MeOH/HCl: -50° - -58°</p> <p>Sulfated ash: max. 15 %</p> <p>Activity: min. 850 µg/mg</p> <p>Water: max. 5 %</p>
<b>Hazard pictograms</b>	
<b>WGK:</b>	1
<b>Storage:</b>	<p>2-8°C</p> <p>protected from light</p>
<b>Signal Word:</b>	Attention
<b>GHS Symbols:</b>	GHS07
<b>H Phrases:</b>	<p>H317</p> <p>H319</p>
<b>P Phrases:</b>	<p>P280</p> <p>P305+P351+P338</p>
<b>Molecular Formula:</b>	$C_{31}H_{35}N_2NaO_{11}$
<b>M:</b>	634.62 g/mol
<b>CAS:</b>	1476-53-5

**AppliChem GmbH**

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<b>EINECS:</b>	216-023-6
<b>CS:</b>	29419000
<b>Bibliography</b> <p>(1)Ryan, M.J. (1979) <i>Antibiotics</i> <b>V</b>, 214 pp. (F.E. Hahn ed.) Springer-Verlag Berlin, Heidelberg, New York. Novobiocin and Coumermycin A<sub>1</sub>. (2)Cozzarelli, N.R. (1980) <i>Science</i> <b>207</b>, 953-960DNA gyrase and the supercoiling of DNA. (3)Sumiyoshi, Y. <i>et al.</i> (1983) <i>J. gen. Virol.</i> <b>64</b>, 2329-2333Inhibition of retrovirus RNA-dependent DNA polymerase by novobiocin and nalidixic acid.</p>	

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