


Specification

Novobiocin Sodium Salt *BioChemica*

A1944

Physical Description:	Solid
Product Code:	A1944
Product Name:	Novobiocin Sodium Salt <i>BioChemica</i>
Specifications:	<p>Assay (from N): min. 95 %</p> <p>α25°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>
Hazard pictograms	
WGK:	1
Storage:	<p>2-8°C</p> <p>protected from light</p>
Signal Word:	Attention
GHS Symbols:	GHS07
H Phrases:	<p>H317</p> <p>H319</p>
P Phrases:	<p>P280</p> <p>P305+P351+P338</p>
Molecular Formula:	$C_{31}H_{35}N_2NaO_{11}$
M:	634.62 g/mol
CAS:	1476-53-5

AppliChem GmbH

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EINECS:	216-023-6
CS:	29419000
Bibliography <p>(1)Ryan, M.J. (1979) <i>Antibiotics</i> V, 214 pp. (F.E. Hahn ed.) Springer-Verlag Berlin, Heidelberg, New York. Novobiocin and Coumermycin A₁. (2)Cozzarelli, N.R. (1980) <i>Science</i> 207, 953-960DNA gyrase and the supercoiling of DNA. (3)Sumiyoshi, Y. <i>et al.</i> (1983) <i>J. gen. Virol.</i> 64, 2329-2333Inhibition of retrovirus RNA-dependent DNA polymerase by novobiocin and nalidixic acid.</p>	

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