


Specification

Novobiocin Sodium Salt *BioChemica*

A1944

Physical Description:	Solid
Product Code:	A1944
Product Name:	Novobiocin Sodium Salt <i>BioChemica</i>
Specifications:	Assay (from N): min. 95 % $\alpha_{25^{\circ}\text{C/D}}$; 5 %, MeOH/HCl: -50° - -58° Sulfated ash: max. 15 % Activity: min. 850 µg/mg Water: max. 5 %
Hazard pictograms	
WGK:	1
Storage:	2-8°C protected from light
Signal Word:	Attention
GHS Symbols:	GHS07
H Phrases:	H317 H319
P Phrases:	P280 P305+P351+P338
Molecular Formula:	$\text{C}_{31}\text{H}_{35}\text{N}_2\text{NaO}_{11}$
M:	634.62 g/mol
CAS:	1476-53-5

AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

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EINECS:	216-023-6
CS:	29419000
Bibliography <p>(1)Ryan, M.J. (1979) <i>Antibiotics V</i>, 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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Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
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