

## 3529 – NOVOBIOCIN SODIUM

REF NO: TBL/QA/SS/LC/3529	STANDARD SPECIFICATION FOR NOVOBIOCIN SODIUM	Rev. No: 03
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Issue Date: 27/10/2021		Product code: 3529

### PRODUCT PROPERTIES

C.A.S Number	1476-53-5
Chemical Formula	$C_{31}H_{35}N_2NaO_{11}$
Formula weight	634.61
Functional Uses	Novobiocin, an inhibitor of Hsp90, is used to study heat shock protein inhibition and to produce positively supercoiled plasmid DNA
Standard Packaging	1 gm & 5 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to yellow powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	6.5 – 8.5
Loss on Drying	NMT – 6.0%
Residue on ignition	10.5 - 12.0%
Assay (Dry Basis)	NLT – 850 $\mu$ G/mg

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

