

PRODUCT INFORMATION



Descarbamylnovobiocin

Item No. 29971

CAS Registry No.: 75057-97-5

Formal Name: N-[7-[(6-deoxy-5-C-methyl-4-O-methyl- α -L-lyxo-hexopyranosyl)oxy]-4-hydroxy-8-methyl-2-oxo-2H-1-benzopyran-3-yl]-4-hydroxy-3-(3-methyl-2-buten-1-yl)-benzamide

MF: $C_{30}H_{35}NO_{10}$

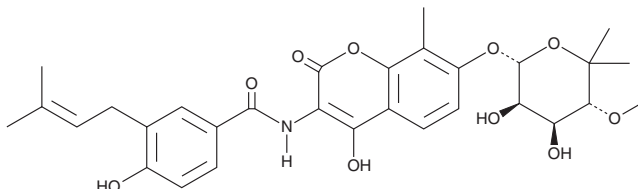
FW: 569.6

Purity: $\geq 95\%$

Supplied as: A residue

Storage: -20°C

Stability: ≥ 4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Descarbamylnovobiocin is supplied as a residue. A stock solution may be made by dissolving the descarbamylnovobiocin in the solvent of choice, which should be purged with an inert gas. Descarbamylnovobiocin is soluble in organic solvents such as ethanol, methanol, DMSO, and dimethyl formamide.

Description

Descarbamylnovobiocin is a derivative of novobiocin (Item No. 18457).¹

Reference

1. Flatman, R.H., Eustaquio, A., Li, S.-M., *et al.* Structure-activity relationships of aminocoumarin-type gyrase and topoisomerase IV inhibitors obtained by combinatorial biosynthesis. *Antimicrob. Agents Chemother.* 50(4), 1136-1142 (2006).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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