**PRODUCT INFORMATION**

**Moxifloxacin N-Sulfate (sodium salt)**

*Item No. 26621*

**Formal Name:** 1-cyclopropyl-6-flouro-1,4-dihydro-8-methoxy-7-[(4aS,7aS)-octahydro-1-sulfo-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-3-quinolinecarboxylic acid, disodium salt

**MF:** C_{21}H_{22}FN_{3}O_{7}S • 2Na

**FW:** 525.5

**Purity:** ≥95%

**Supplied as:** A solid

**Storage:** -20°C

**Stability:** ≥2 years

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

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**Laboratory Procedures**

Moxifloxacin N-sulfate (sodium salt) is supplied as a solid. A stock solution may be made by dissolving the moxifloxacin N-sulfate (sodium salt) in the solvent of choice, which should be purged with an inert gas. Moxifloxacin N-sulfate (sodium salt) is slightly soluble in DMSO.

Moxifloxacin N-sulfate (sodium salt) is slightly soluble in aqueous solutions. To enhance aqueous solubility, dilute the organic solvent solution into aqueous buffers or isotonic saline. If performing biological experiments, ensure the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. We do not recommend storing the aqueous solution for more than one day.

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**Description**

Moxifloxacin N-sulfate is a metabolite of moxifloxacin (Item No. 14830). Moxifloxacin is a fluoroquinolone antibiotic. Formulations containing moxifloxacin have been used in the treatment of bacterial infections, including sinusitis, chronic bronchitis, and pneumonia.

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**Reference**