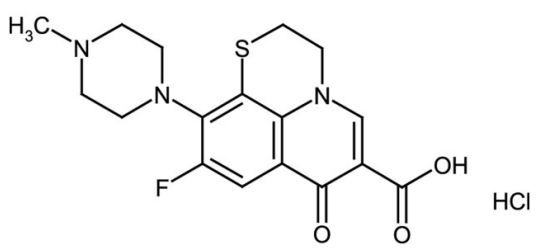
Rufloxacin . hydrochloride

Fluoroquinolone antibacterial agent

Fluoroquinolone antibacterial agent. Structurally similar to ofloxacin. Specific inhibitor of bacterial DNA gyrase (topoisomerase). Inhibits B-cell differentiation. Shows photosensitizing effects.

Citations: 10 View Online »

Manuals, SDS & CofA View Online »


H3C
N
N
S
N
F
OH
O
O
HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-Fluoro-2,3-dihydro-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzothiazine-6-carboxylic acid . hydrochloride, MF-934 . hydrochloride
Appearance	Off-white to light green crystalline solid.
CAS	106017-08-7
Couple Target	DNA gyrase
Couple Type	Inhibitor
Formula	$C_{17}H_{18}FN_3O_3S$. HCl
Identity	Identity determined by IR.
MI	**14:** 8294
MW	363.4 . 36.5
Purity	≥98% (Assay)
Solubility	Sparingly soluble in water; very slightly soluble in methanol; almost insoluble in chloroform or acetic acid.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.