

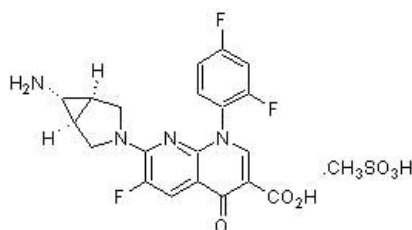
Product datasheet

Trovafloxacin mesylate, Fluoroquinolone antibiotic agent ab144562

1 Image

Overview

Product name	Trovafloxacin mesylate, Fluoroquinolone antibiotic agent
Description	Fluoroquinolone antibiotic agent. Topoisomerase IV and DNA gyrase inhibitor.
Biological description	Fluoroquinolone antibiotic agent. Topoisomerase IV and DNA gyrase inhibitor. Reversibly inhibits DNA synthesis. Inhibits PANX1 ($IC_{50} = 4 \mu M$). Shows antibiotic effects <i>in vivo</i> ($MIC_{90} = 244 \text{ nM}$, pneumococci).
Purity	> 98%
CAS Number	147059-75-4
Chemical structure	



Properties

Chemical name	7-[(1 α ,5 α ,6 α)-6-Amino-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid mesylate
Molecular weight	512.46
Molecular formula	$C_{20}H_{15}F_3N_4O_3 \cdot CH_3SO_3H$
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at $-20^{\circ}C$. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

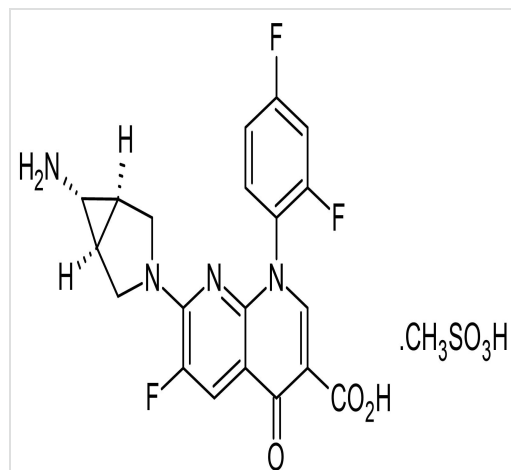
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Source

Synthetic

Images



Chemical Structure - Trovafloxacin mesylate,
Fluoroquinolone antibiotic agent (ab144562)

2D chemical structure image of ab144562, Trovafloxacin mesylate,
Fluoroquinolone antibiotic agent

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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