

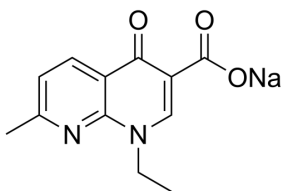
## Nalidixic acid (sodium salt)

Cat. No.: HY-B0398A  
CAS No.: 3374-05-8  
Batch No.: 321118  
Chemical Name: 1,8-Naphthyridine-3-carboxylic acid, 1-ethyl-1,4-dihydro-7-methyl-4-oxo-, sodium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>11</sub>N<sub>2</sub>NaO<sub>3</sub>  
Molecular Weight: 254.22  
Storage: 4°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.74%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA