

Product datasheet

# Netropsin dihydrochloride, DNA minor groove binding ligand ab146342

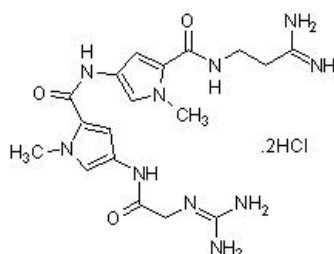
Overview

<b>Product name</b>	Netropsin dihydrochloride, DNA minor groove binding ligand
<b>Description</b>	DNA minor groove binding ligand.
<b>Biological description</b>	DNA minor groove binding ligand with potential antibiotic and antiviral properties. Binds to AT-rich regions in dsDNA, and has the ability to block DNA helicase, Topoisomerase and endonuclease, and also to interfere with transcription factor binding in these regions. Binds to dsDNA in a non-intercalative manner.

**Purity** > 98%

**CAS Number** 1438-30-8

**Chemical structure**



Properties

<b>Chemical name</b>	N-[4-[(3-Amino-3-iminopropyl)carbamoyl]-1-methylpyrrol-3-yl]-4-[[2-(diaminomethylideneamino)acetyl]amino]-1-methylpyrrole-2-carboxamide dihydrochloride
<b>Molecular weight</b>	503.39
<b>Molecular formula</b>	C <sub>18</sub> H <sub>26</sub> N <sub>10</sub> O <sub>3</sub> .2HCl
<b>PubChem identifier</b>	16219788
<b>Storage instructions</b>	Store at -20°C (desiccating conditions).
<b>Solubility overview</b>	Soluble in water (1 mg/mL)
<b>Handling</b>	Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>Source</b>	<i>Streptomyces netropsis</i>

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