Certificate of Analysis

Nifuratel

Cat. No.: HY-A0059
CAS No.: 4936-47-4
Batch No.: 09645

Chemical Name: 2-Oxazolidinone, 5-[(methylthio)methyl]-3-[[(5-nitro-2-furanyl)methylene]amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{11}N_3O_5S$

Molecular Weight: 285.28

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

$$-s \underbrace{\hspace{1cm} 0}_{N} \underbrace{\hspace{1cm} 0}_{N} \underbrace{\hspace{1cm} 0}_{N^{+}} \underbrace{\hspace{1cm} 0}_{0}.$$

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.77%

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.

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