Certificate of Analysis

4-Thiothymidine

Cat. No.: HY-W587829 CAS No.: 7236-57-9 Batch No.: 392613

Chemical Name: Thymidine, 4-thio-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{14}N_2O_4S$ 258.29 Molecular Weight:

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Light yellow to light brown (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 99.67%

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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