Certificate of Analysis

Anticancer agent 46

Cat. No.: HY-146030

CAS No.: 2426686-17-9

Batch No.: 277182

Chemical Name: Hydrazinecarbothioamide, 2-[1-(5-chloro-2-hydroxyphenyl)ethylidene]-N-phenyl-, (2E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₅H₁₄ClN₃OS

Molecular Weight: 319.81

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$CI \xrightarrow{OH} S \\ N \xrightarrow{N} N \xrightarrow{N} N$$

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 95.73%

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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