

Inhibitors

## **Certificate of Analysis**

## (±)-Silybin

Cat. No.: HY-139637 CAS No .: 36804-17-8 Batch No.: 309077

**Chemical Name:** 4H-1-Benzopyran-4-one, 2-[(2R,3R)-2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymet

hyl)-1,4-benzodioxin-6-yl]-2,3-dihydro-3,5,7-trihydroxy-, (2R,3R)-rel-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>25</sub>H<sub>22</sub>O<sub>10</sub> **Molecular Weight:** 482.44

Storage: 4°C, stored under nitrogen

\* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

**Chemical Structure:** 

## ANALYTICAL DATA

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.23%

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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