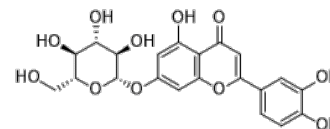


**Product Name** : Cynaroside  
**Cat. No.** : PC-26867  
**CAS No.** : 5373-11-5  
**Molecular Formula** : C<sub>21</sub>H<sub>20</sub>O<sub>11</sub>  
**Molecular Weight** : 448.38  
**Target** : Influenza Virus  
**Solubility** : 10 mM in DMSO



## Biological Activity

Cynaroside (Luteolin 7-glucoside) is a flavonoid compound with anti-oxidative capabilities, is also a potent influenza RNA-dependent RNA polymerase (RdRp) inhibitor with IC<sub>50</sub> of 32 nM, also inhibits H<sub>2</sub>O<sub>2</sub>-induced apoptosis, has cytoprotection against oxidative stress-induced cardiovascular diseases, also disrupts IGF2BP3-RTK interactions as an enhancer of tyrosine kinase inhibitor (TKI) efficacy.

## References

Wang ZW, et al. J Exp Clin Cancer Res. 2026 Mar 11;45(1):99.

Václav Zima, et al. Eur J Med Chem. 22 August 2020, 112754.

Xiao Sun, et al. J Cell Biochem. 2011 Aug;112(8):2019-29.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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