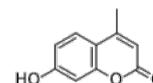


**Product Name** : 4-Methylumbelliferone  
**Cat. No.** : PC-26190  
**CAS No.** : 90-33-5  
**Molecular Formula** : C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>  
**Molecular Weight** : 176.17  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

4-Methylumbelliferone (4-MU) is a plant-derived coumarin and specific small molecule inhibitor of hyaluronan biosynthesis. It inhibits hyaluronan-mediated motility receptor (HMMR), showing antitumoral and antimetastatic effects.

## References

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Tamouk S, et al. Behav Neurol. 2025 Dec 5;2025:5900565.  
García-Vilas JA, et al. J Agric Food Chem. 2013 May 1;61(17):4063-71.  
Hinneh JA, et al. Br J Cancer. 2023 Oct;129(8):1350-1361.

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

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