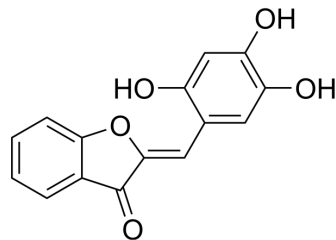


## HA5

Cat. No.:	HY-149330
CAS No.:	2378406-17-6
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>5</sub>
Molecular Weight:	270.24
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

HA5 inhibits *Streptococcus mutans* biofilm with an IC<sub>50</sub> value of 6.42 μM, without affecting its growth. HA5 also inhibits *Streptococcus mutans* glucan production and eDNA levels<sup>[1]</sup>.

## REFERENCES

[1]. Ahirwar P, et al. Hydrogel-Encapsulated Biofilm Inhibitors Abrogate the Cariogenic Activity of *Streptococcus mutans*. *J Med Chem.* 2023 Jun 22;66(12):7909-7925.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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