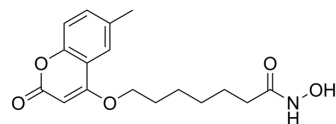


## Antibiofilm agent-2

Cat. No.:	HY-156439
CAS No.:	2977230-63-8
Molecular Formula:	C <sub>17</sub> H <sub>21</sub> NO <sub>5</sub>
Molecular Weight:	319.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibiofilm agent-2 (compound 4T) is a potent biofilm inhibitor with an IC<sub>50</sub> of 3.6 μM. Antibiofilm agent-2 inhibits the quorum sensing system and iron homeostasis as antibacterial synergists against *Pseudomonas aeruginosa*<sup>[1]</sup>.

### REFERENCES

[1]. Jun Liu, et al. Novel Coumarin Derivatives Inhibit the Quorum Sensing System and Iron Homeostasis as Antibacterial Synergists against *Pseudomonas aeruginosa*. *J Med Chem*. 2023 Oct 24.

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

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