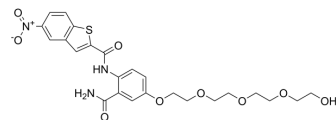


G43-C3-TEG

Cat. No.:	HY-155716
CAS No.:	2702262-15-3
Molecular Formula:	C ₂₄ H ₂₇ N ₃ O ₉ S
Molecular Weight:	533.55
Target:	Bacterial; Glucosylceramide Synthase (GCS); Bacterial
Pathway:	Anti-infection; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

G43-C3-TEG is a glycosyl-transferase inhibitor. G43-C3-TEG reduces the biofilm formation by decreasing the production of EPS (extracellular polysaccharides)^[1].

REFERENCES

- [1]. Scaffa PMC, et al. The potential use of glycosyl-transferase inhibitors for targeted reduction of *S. mutans* biofilms in dental materials. *Sci Rep.* 2023;13(1):11889.
- [2]. Scaffa PMC, et al. The potential use of glycosyl-transferase inhibitors for targeted reduction of *S. mutans* biofilms in dental materials. *Sci Rep.* 2023 Jul 23;13(1):11889.

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

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