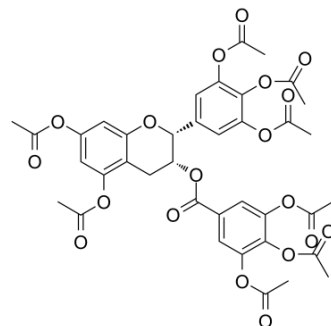


EGCG Octaacetate

Cat. No.:	HY-N6263
CAS No.:	148707-39-5
Molecular Formula:	C ₃₈ H ₃₄ O ₁₉
Molecular Weight:	794.67
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

EGCG Octaacetate is a prodrug of Green tea epigallocatechin-3-gallate (EGCG), utilized to enhance the stability and bioavailability of EGCG in vivo. EGCG Octaacetate has high efficacy, bioavailability, anti-oxidation and anti-angiogenesis capacities^[1]. EGCG octaacetate is the potential antibacterial compound for gram-positive bacteria (GPB) and gram-negative bacteria (GNB) ^[2].

REFERENCES

[1]. Wang CC, et al. Prodrug of green tea epigallocatechin-3-gallate (Pro-EGCG) as a potent anti-angiogenesis agent for endometriosis in mice. *Angiogenesis*. 2013 Jan;16(1):59-69.

[2]. Kalaiselvi Ignasimuthu, et al. Enhanced bioaccessibility of green tea polyphenols and lipophilic activity of EGCG octaacetate on gram-negative bacteria. *Volume 105, May 2019, Pages 103-109.*

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

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