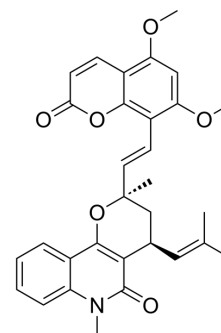


Toddacoumalone

Cat. No.:	HY-N10317
CAS No.:	139750-79-1
Molecular Formula:	C ₃₁ H ₃₁ NO ₆
Molecular Weight:	513.58
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Toddacoumalone is a natural inhibitor of phosphodiesterase 4 (PDE4) with moderate potency and imperfect agent-like properties. Toddacoumalone has the potential for the research of inflammatory diseases such as psoriasis ^[1] .
IC ₅₀ & Target	PDE4

REFERENCES

[1]. Song Z, et al. Discovery and Structural Optimization of Toddacoumalone Derivatives as Novel PDE4 Inhibitors for the Topical Treatment of Psoriasis. *J Med Chem.* 2022;65(5):4238-4254.

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

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