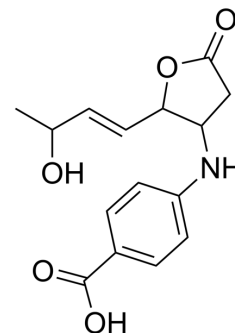


Obscurolide A1

Cat. No.:	HY-125738
CAS No.:	144397-99-9
Molecular Formula:	C ₁₅ H ₁₇ NO ₅
Molecular Weight:	291.3
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Obscurolide A1 is a Phosphodiesterase (PDE) inhibitor (IC₅₀=8 mM) that can be obtained from *Streptomyces viridochromogenes* culture. Obscurolide A1 has the potential to study neurological and inflammatory diseases^[1].

REFERENCES

[1]. Hoff H, et al. Metabolic products of microorganisms. 261. Obscurolides, a novel class of phosphodiesterase inhibitors from streptomyces. I. Production, isolation, structural elucidation and biological activity of obscurolides A1 to A4. *J Antibiot (Tokyo)*. 1992 Jul;45(7):1096-107.

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

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