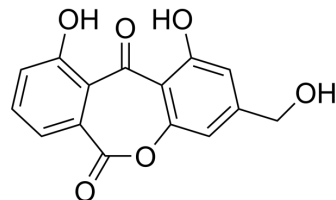


Alternaphenol B2

Cat. No.:	HY-N12390
Molecular Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Target:	Isocitrate Dehydrogenase (IDH)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Alternaphenol B2 is a selective IDH1 inhibitor from the coral-derived fungus <i>Parengyodontium album</i> SCSIO SX7W11. Alternaphenol B2 shows inhibitory activity against isocitrate dehydrogenase mutant R132H (IDH1m), with IC ₅₀ values of 41.9 μM ^[1] .
IC ₅₀ & Target	41.9 μM ^[1]

REFERENCES

[1]. Li X, Shen W, et al. Alternaphenol B2, a new IDH1 inhibitor from the coral-derived fungus *Parengyodontium album* SCSIO SX7W11 [published online ahead of print, 2023 Oct 18]. *Nat Prod Res.* 2023;1-7.

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

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