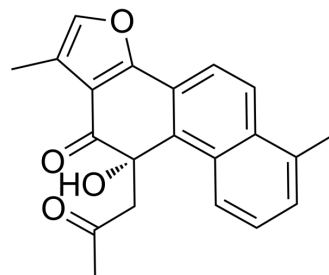


Dehydrodanshenol A

Cat. No.:	HY-N12736
CAS No.:	1444618-61-4
Molecular Formula:	C ₂₁ H ₁₈ O ₄
Molecular Weight:	334.37
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dehydrodanshenol A is a non-competitive inhibitor of Protein tyrosine phosphatase 1B (PTP1B), with an IC ₅₀ value of 8.5 μM. Dehydrodanshenol A can be used in diabetes-related research ^[1] .
IC ₅₀ & Target	PTP1B 8.5 μM (IC ₅₀)

REFERENCES

[1]. Kim DH, et al. Characterization of the inhibitory activity of natural tanshinones from *Salvia miltiorrhiza* roots on protein tyrosine phosphatase 1B. *Chem Biol Interact.* 2017 Dec 25;278:65-73.

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

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