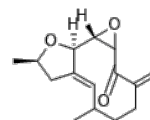


Product Name : Parthenolide
Cat. No. : PC-25411
CAS No. : 20554-84-1
Molecular Formula : $C_{15}H_{20}O_3$
Molecular Weight : 248.32
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

Parthenolide is a sesquiterpene lactone found in the medicinal herb Feverfew, exhibits anti-inflammatory activity by inhibiting NF- κ B activation, impairs breast cancer cell proliferation via inhibiting USP10, also inhibits HDAC1 protein without affecting other class I/II HDACs.

References

Zhao WS, et al. Acta Pharmacol Sin. 2023 Aug;44(8):1701-1711.

Nakshatri H, et al. Cell Death Dis. 2015 Jan 22;6:e1608.

Zhao X, et al. J Exp Clin Cancer Res. 2014 Jan 6;33:3.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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