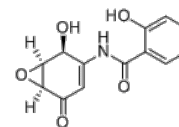


Product Name : DHMEQ
Cat. No. : PC-47044
CAS No. : 287194-40-5
Molecular Formula : C₁₃H₁₁NO₅
Molecular Weight : 261.23
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

DHMEQ (dehydroxymethylepoxyquinomicin) is an NF-κB inhibitor, inhibits TNF-α-induced activation of NF-κB, and inhibits the TNF-α-induced nuclear accumulation of p65, a component of NF-κB.

DHMEQ also inhibited TNF-α-induced nuclear transport of green fluorescent protein-tagged p65.

DHMEQ was effective in suppressing rheumatoid arthritis in an in vivo model.

DHMEQ completely inhibited NFκappaB DNA binding activity in JCA-1 cells.

DHMEQ significantly inhibited pre-established JCA-1 s.c. tumor growth in nude mice without any side effects.

References

Ariga A, et al. J Biol Chem. 2002 Jul 5;277(27):24625-30.

Chaicharoenpong C, et al. Bioorg Med Chem. 2002 Dec;10(12):3933-9.

Kikuchi E, et al. Cancer Res. 2003 Jan 1;63(1):107-10.

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

E-mail: tech@probechem.com