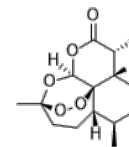


Product Name : Artemisinin
Cat. No. : PC-23278
CAS No. : 63968-64-9
Molecular Formula : C₁₅H₂₂O₅
Molecular Weight : 282.34
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

Artemisinin (Qinghaosu) is a sesquiterpene lactone, an anti-malarial agent isolated from the aerial parts of *Artemisia annua* L., potently inhibits PfPI3K.

Artemisinin (Qinghaosu) inhibits AKT signaling pathway by decreasing pAKT in a dose-dependent manner. Artemisinin (Qinghaosu) reduces cancer cell proliferation, migration, invasion, tumorigenesis and metastasis and has neuroprotective effects.

References

Lin SP, et al. *Front Cell Neurosci.* 2018 Apr 20;12:108.

Mbengue A, et al. *Nature.* 2015 Apr 30;520(7549):683-7.

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

E-mail: tech@probechem.com