

Source

Artemisinin is an ancient Chinese Novel medicinal agent against malaria isolated from the plant (F.-Astraceae) Artemisia annua (sweet wormwood).

It was discovered in 1972 by Tu Youyou, a Chinese scientist, who was awarded half of the 2015 Nobel Prize in Medicinefor her discovery.

It is a potent Chinese traditional medicinal agent used against malaria due to Plasmodium falciparum . It have potent activity against many forms of maland organism including Chloroquine-Resistance Plasmodium fakciparum. world wide.

Properties

Chemically, artemisinin is a sesquiterpene lactone containing an unusual peroxide bridge. endoperoxide 1,2,4-trioxane ring is responsible for the drug's mechanism of action. Few other natural compounds with such a peroxide bridge are known

Isolation

