

ABSTRACT

NEW USE OF PQQ AND DERIVATIVE THEREOF

A new use of PQQ and a derivative thereof. PQQ can effectively alleviate or treat primary dysmenorrhea, secondary dysmenorrhea and abnormal menstruation. After being treated with PQQ, the following effects can be achieved for patients: 1. the dysmenorrhea alleviation rate is 100%; 2. the average duration of a menstrual period in each month is reduced from about 2 weeks to about 1 week, and is returned to the normal average duration of a menstrual period; 3. the menstrual blood volume in each month is reduced by more than 30% on average, and is substantially returned to the normal average level of menstrual blood volume; and 4. two patients suffering from years of infertility caused by secondary dysmenorrhea are pregnant within a treatment period of 3 months.

Figure 1