

New Secodammarane Acid Derivative and Application

TECHNOLOGY DESCRIPTION

This invention is a new organic compound for anti cancer agent for health promoting supplement.

TECHNOLOGY FEATURES

This invention is a new organic (Triterpene) compound with cytotoxic and antioxidant properties and works well against breast cancer. The novel compound is capable of inhibiting the growth of breast cancer cell lines. Can be further use as a medicinal composition to treat breast cancer and enhance therapeutic effects. The compound of the invention can be applied in the treatment of a range of cancer cells, including breast cancer, hepatic cancer and prostate cancer. At the same time, the compound of the present invention possesses antioxidant activity, ideal supplement for health food, diet and drink, medical product and cosmetic. This product is beneficial to human health through its abilities in preventing degenerative diseases and cell mutation.

ADVANTAGES

- Works well against breast cancer
- Antioxidant activity
- Able to prevent degenerative disease

INDUSTRY OVERVIEW

Prospect : Healthcare Industry

Cancer is one of the leading causes of morbidity and mortality worldwide, with approximately 14 million new cases in 2012. The number of new cases is expected to rise by about 70% over the next 2 decades. Cancer is the second leading cause of death globally, and was responsible for 8.8 million deaths in 2015. Globally, nearly 1 in 6 deaths is due to cancer. The highest cancer rate for men and women together was found in Denmark with 338 people per 100,000 being diagnosed in 2012, followed by France and Australia. In Asia region, the cancer burden is dominated by China (48.9%), followed by India (16.2%) and Japan (11.2%). The top three cancers in women are breast, lung, and cervical cancer.



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