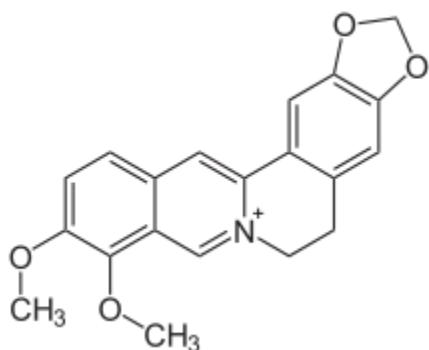


***Berberine has [antibacterial](#), [antifungal](#), [antiviral](#) and [antioxidant](#) properties. ^[citation needed] It can possess anti-inflammatory, anti-tumor and anti-diabetic activities. The use of Berberis aristata in the treatment of urinary troubles caused as a side effect of the anti-cancer [chemotherapy](#) drug, [cisplatin](#). Cisplatin is known to cause [nephrotoxicity](#) which is a renal disease or dysfunction. In conclusion, the researchers found that the side effects of cisplatin were reversed by the antioxidant properties of the decoction of root bark of Berberis aristata.^[1]

In a scientific study of the anti-diabetic activity of the plant, diabetic rats treated with the ethanol extract of the roots showed a significant reduction of serum glucose level. It also showed a significant increase in the level of HDL cholesterol. Additional research must be conducted to determine if the [hypolipidemic](#) properties of the plant could serve as a protective mechanism against the development of [atherosclerosis](#), which is usually associated with diabetes.^[10]



****REF: https://en.wikipedia.org/wiki/Berberis_aristata

General Use: The fruits of the species are eaten by people living in areas where the plant is found, often as a dessert. They are juicy and contain plenty of sugars and other useful nutrients that supplement their diet. Its stem, roots, and fruits are used in [Ayurveda](#). The roots can also be used for making an alcoholic drink. Aqueous roots extract of this plant was found to have ant malarial activity in animal models.^[5] The plant as a whole is a good source of dye and tannin which is used for dyeing clothes and for tanning leather.^[6] Roots extract of B. aristata was found to have good dyeing properties on cotton.^[7]