

[Open Peer Review on Qeios](#)

# Phaleria macrocarpa Extract DLBS-1425

National Cancer Institute

## Source

National Cancer Institute. *Phaleria macrocarpa Extract DLBS-1425*. NCI Thesaurus. Code C91739.

An extract of the flesh from the fruit of *Phaleria macrocarpa*, an Indonesian herbal medicine, with potential antineoplastic activity. Although the active ingredients and exact components are unclear, gallic acid and its derivatives in DLBS-1425 appear to inhibit the phosphoinositide-3 kinase (PI3K)/protein kinase B (AKT) signaling pathway by reducing PI3K transcription followed by a reduction in AKT phosphorylation. This extract also appears to induce apoptosis through induction of pro-apoptotic genes such as BAX, BAD and PUMA and inhibition of the apoptosis suppressor Bcl-2.