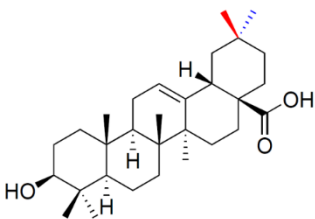


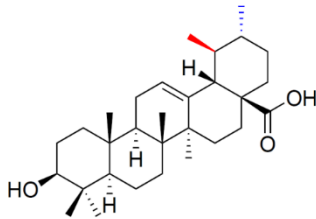
# Application Note: Triterpenoids

## Determination of oleanolic acid and ursolic acid content in loquat leaves of Chinese Pharmacopoeia 2020

Oleanolic acid and ursolic acid are both pentacyclic triterpenoids, which are isomers and therefore have almost identical pharmacological effects. It has been confirmed that oleanolic acid and ursolic acid have anti-inflammatory, hypoglycemic, lipid-regulating, anti-obesity, anti-atherosclerotic pharmacological effects, and are expected to become new drugs for antimetabolic syndrome



Oleanolicacid



Ursolicacid

**Column: Horizon C18 5u 250\*4.6mm**

**Mobile phase: acetonitrile-methanol-0.5% ammonium acetate solution (67:12:21).**

**Wavelength: 210nm**

**Flow rate: 1ml/min**

**Column temperature: room temperature**

