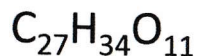


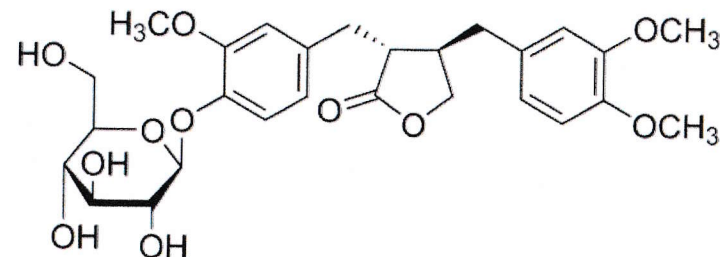
*Arctium lappa L.*

## Arctiin/Arctigenin

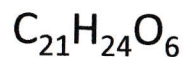
**Arctiin:** (3R)-4t-(3,4-Dimethoxy-benzyl)-3r-(4-β-D-glucopyranosyloxy-3-methoxy-benzyl)-dihydro-furan-2-on



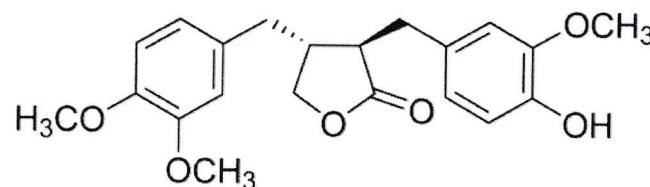
CAS-Nr.: 20362-31-6



**Arctigenin:** (3R)-4t-(3,4-Dimethoxy-benzyl)-3r-(4-hydroxy-3-methoxy-benzyl)-dihydro-furan-2-on



CAS-Nr.: 7770-78-7



### Biological Activity:

- antioxidative
- UVB-protective
- antiinflammatory, immunomodulatory
- collagen-activating
- hyaluronan-activating
- melanin-inhibitory
- neuroprotective
- tumor-inhibitory
- antiviral (HIV Typ I, Japanese encephalitis virus, Influenza)
- PAF (platelet activating factor)-antagonist
- Ca-/hypertonic-antagonist