Britannilactone

**Cat. No.:** HY-N0895  
**CAS No.:** 33620-72-3  
**Molecular Formula:** C₁₅H₂₂O₄  
**Molecular Weight:** 266.33  
**Target:** Others  
**Pathway:** Others  
**Storage:** Please store the product under the recommended conditions in the COA.

## BIOLOGICAL ACTIVITY

**Description**  
Britannilactone (Desacetylinulicin) is a methanol extract of the dried flower of Inula britannica. IC₅₀ value: Target: A bioassay-guided isolation of the chloroform fraction of the I. britannica using an in vitro melanogenesis inhibition assay led to the isolation of sesquiterpenes, 1-O-acetylbritannilactone (1), britannilactone (2) and neobritannilactone B (3). Compounds 1 and 2 significantly reduced melanin production in a dose-dependent manner with IC₅₀ values of 13.3 and 15.5 μM, respectively [1].

## REFERENCES


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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898  
Fax: 609-228-5909  
E-mail: tech@MedChemExpress.com  
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA