**Product Name:** Aucubin  
**Cat. No.:** HY-N0664  
**CAS No.:** 479-98-1  
**Molecular Formula:** C_{15}H_{22}O_{9}  
**Molecular Weight:** 346.33  
**Target:** Others  
**Pathway:** Others  
**Solubility:** DMSO: ≥ 31 mg/mL

**BIOLOGICAL ACTIVITY:**
Aucubin is an iridoid glycoside with a wide range of biological activities, including anti-inflammatory, anti-microbial, anti-algesic as well as anti-tumor activities.

**IC50 value:**

**Target:**

**In vitro:** Aucubin promotes neuronal differentiation and neurite outgrowth in neural stem cells cultured primarily from the rat embryonic hippocampus [1]. Aucubin significantly reversed the elevated gene and protein expression of MMP-3, MMP-9, MMP-13, iNOS, COX-2 and the production of NO induced by IL-1β challenge in rat chondrocytes [2].

**In vivo:**

**References:**

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

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