Picroside I

Cat. No.: HY-N0407
CAS No.: 27409-30-9
Molecular Formula: C₂₄H₂₈O₁₁
Molecular Weight: 492.47
Target: STAT
Pathway: JAK/STAT Signaling; Stem Cell/Wnt
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description
Picroside I is the major ingredient of Picrorhiza kurroa. Picrorhiza kurroa is a high value medicinal herb due to rich source of hepatoprotective metabolites, Picroside-I and Picroside-II[1]. Picroside I is a promising agent for the management of asthma. Picroside I reduces the inflammation significantly at its higher dose. Picroside I also downregulates pSTAT6 and GATA3 expressions. Picroside I dose-dependently increases the serum levels of IFN-γ[2].

IC₅₀ & Target
STAT6

REFERENCES

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