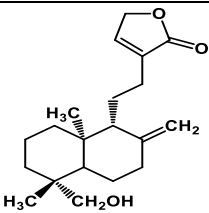


Andrograpanin

Name of the Phytochemical	Andrograpanin
Chemical Structure	
Botanical Source	Andrographis paniculata
CAS Number	82209-74-3
Functional Activity	<ul style="list-style-type: none"> • Exhibits anti-inflammatory and anti-infectious properties • It has the potential to modulate the chemokine pathway and is used in anti-infectious function • It is a hydrolysate drug used as anti-inflammatory agent
Key References	<ol style="list-style-type: none"> 1. <u>Andrograpanin, a compound isolated from anti-inflammatory traditional Chinese medicine Andrographis paniculata, enhances chemokine SDF-1alpha-induced leukocytes chemotaxis. J Cell Biochem, 2005, 95, 970-978</u> 2. <u>Andrograpanin, isolated from Andrographis paniculata, exhibits anti-inflammatory property in lipopolysaccharide-induced macrophage cells through down-regulating the p38 MAPKs signaling pathways. Int Immunopharmacol. 2008, 951-958</u> 3. Inhibitory Activity of Andrographolide and Andrograpanin on the Rate of PGH2 Formation. Pharmacology and Clinical Pharmacy Research, 2016, 1, 79-83