

Withaferin A

Name of the Phytochemical	Withaferin A
Chemical Structure	 The chemical structure of Withaferin A is a complex pentacyclic steroid. It features a fused ring system with a ketone at C-3, a double bond at C-4, and a hydroxyl group at C-1. A methyl group is attached at C-10. A side chain at C-13 includes a methyl group, a lactone ring, and a hydroxymethyl group. Stereochemistry is indicated with wedges and dashes.
Botanical Source	Withania somnifera leaves
CAS Number	5119-48-2
Functional Activity	Please visit our website www.withanolides.com
Key References	Please visit our website www.withanolides.com