High-performance thin layer chromatography: A powerful tool for herbal medicine analysis

High-performance liquid chromatography (HPLC) is a powerful tool for the analysis of herbal medicines. It allows for the separation and quantification of various components in herbal extracts, providing valuable information for the quality control and standardization of these products. HPLC is widely used in the analysis of herbal medicines due to its high efficiency, sensitivity, and specificity. It is an essential tool for ensuring that herbal products meet the required standards and are safe for consumption.

Liver injury from herbal and dietary supplements

Liver injury is a significant concern associated with the use of herbal and dietary supplements. Many supplements contain ingredients that can harm the liver, leading to various liver disorders. It is crucial to be aware of the potential risks and monitor the effects of supplements to prevent liver injury.

High-throughput screening of APIs in Chinese traditional medicines

High-throughput screening is a valuable method for the identification of active ingredients in complex herbal preparations. It involves screening large numbers of compounds simultaneously to identify those with desirable biological activities. This approach is particularly useful in the discovery of novel drugs from traditional medicines.

World Leader in Planar Chromatography - CAMAG

CAMAG is a world leader in planar chromatography, offering a comprehensive range of products and services for the analysis of natural products and herbal drugs. Their equipment and software are used worldwide for the separation and identification of compounds in herbal extracts. CAMAG's expertise in planar chromatography makes it a valuable resource for researchers in the field of herbal medicine.

Chromatographic fingerprint analysis of herbal medicines

Chromatographic fingerprint analysis is a powerful technique for the characterization of herbal medicines. It involves the separation and identification of the unique chemical profile of a herbal product, providing valuable information about its composition and quality. This analysis is crucial for ensuring the authenticity and consistency of herbal medicines.

Yohimbine - Overview

Yohimbine is an important alkaloid derived from the bark of the African tree Pausinystalia johimbe. It is used as a sexual stimulant and in the treatment of various health conditions. Yohimbine has also been studied for its potential use in the treatment of memory disorders.

Phytochemical reference substance and analytical standard

Phytochemical reference substances are critical for the standardization of herbal medicines. They serve as a reference point for quality control and ensure that herbal products meet the required standards. These substances are used in the analysis of herbal extracts to confirm the presence and concentration of key compounds.

Keywords: Yohimbine, phytochemical reference substances, analytical standards, herbal medicines.