

Chat History

AI: How can I help you?

User: what is this patent about

AI: Diese Patentanmeldung betrifft neuartige Triterpen-Glykosid-Verbindungen, die aus der Pflanze *Momordica grosvenorii* (auch als *Siraitia grosvenorii* bekannt) extrahiert werden. Diese Verbindungen und ihre physiologisch akzeptablen Salze sind als Süßstoffe oder zur Verstärkung der Süße in Präparaten und Zusammensetzungen, insbesondere in essbaren Produkten, vorgesehen. Das Hauptfeld der Erfindung liegt in der Nutzung dieser Verbindungen als alternative Süßstoffe, um eventuell mit herkömmlichen Süßstoffen verbundene physiologische Nachteile, wie etwa Fettleibigkeit und Ernährungsungleichgewicht, zu vermeiden.

User: Hey

AI: Guten Tag! Wie kann ich Ihnen mit dieser Patentanmeldung helfen?

User: i need to know what is this patent about make it concise

AI: This patent covers novel triterpene-glycoside compounds derived from the plant *Momordica grosvenorii*. These compounds are intended for use as sweeteners or sweetener enhancers in a wide range of edible products, including foods and beverages, as well as other ingestible and non-ingestible items like dentifrices and lipsticks. The goal of these compounds is to provide an alternative to traditional sweeteners, potentially mitigating associated health issues.

User: what is this compound used for ?

AI: The compound described in this patent, derived from triterpene-glycoside compounds, is used as a sweetener or a sweetener enhancer. It is intended for use in various compositions, including food and beverages, and other ingestible and non-ingestible products such as dentifrices and lipsticks.

The primary purpose of this compound is to provide an alternative to traditional sweeteners, potentially alleviating associated health concerns.

User: ok any interesting thing i should know about this ?

AI: The patent includes a few interesting points:

1. **Natural Source**: The compounds are derived from the plant *Momordica grosvenorii*, also known as *Siraitia grosvenorii* or monk fruit, which is a natural source known for its sweetening properties.
2. **Health Benefits**: The use of these triterpene-glycoside compounds as sweeteners or sweetener enhancers aims to offer a healthier alternative to traditional sugars and artificial sweeteners. This could potentially help in mitigating health concerns like obesity and nutritional imbalances.
3. **Versatility**: These compounds can be used in a wide variety of products, such as foods, beverages, medicines, toothpastes, and even non-ingestible items like lipsticks, providing a broad application scope.
4. **Flavor Enhancement**: Beyond just sweetness, these compounds can be used in combination with other flavorings to create complex taste profiles, enhancing the overall sensory experience of various products.
5. **Patent Coverage**: The patent covers the specific chemical structures of these novel compounds, providing a detailed scientific description that underlines their uniqueness and potential utility in commercial applications.

If you are interested in the technical or strategic implications of this patent, consulting a patent attorney or examiner could be insightful.