

L-Erdosteine

Product Overview

1. Product Name: L-Erdosteine
2. Type: Expectorant / Mucolytic Agent (Improved Isomer Form)
3. Key Differentiation: Development of high-purity L-isomer for improved PK & faster onset

Development Stage

1. Current Phase: Non-clinical study
2. Ongoing Studies: GLP toxicity & efficacy
3. Formulation: Capsule development completed
4. Regulatory Target: IND submission by 2026 Q4

Technical Highlights

1. Isomer Innovation: High-purity L-isomer for enhanced pharmacokinetics
2. Clinical Advantage: Better bioavailability and rapid onset of action
3. Regulatory Path: Positioned as an isomer-based incrementally modified drug (IMD)

Commercialization Plan

1. DMF Strategy: Global DMF registration of L-Erdosteine API
2. Market Entry: Target regions with unmet demand for improved mucolytic agents
3. Partnership Goal: Seeking partners for technology transfer & co-commercialization

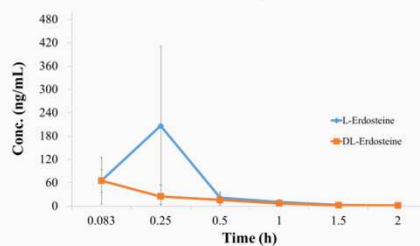
Strategy Value

1. Improved Patient Compliance through lower dose potential & rapid effect
2. Differentiation from conventional Erdosteine via L-form advantages
3. Global Expansion Potential as a next-generation expectorant

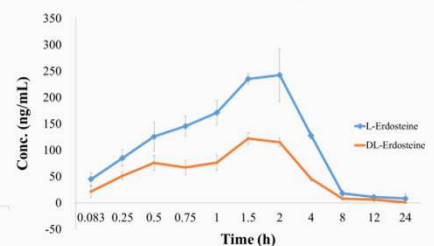
Erdosteine metabolite 1



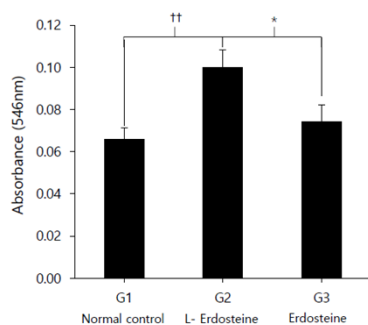
Mice 12.5mg/kg



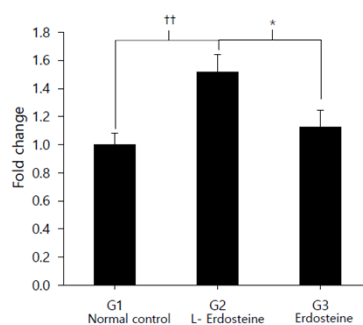
Rat 100mg/kg



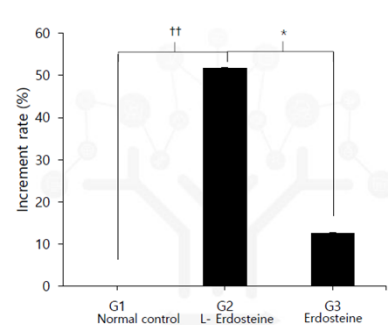
OD (546nm)



Fold change



Increment rate (%)



Total Solutions for Human Better-Being

Our company works to provide the best solutions for people's health and beauty



Cosmetic Ingredients



Eco-Green Process cosmetics Ingredients developed with eco-friendly manufacturing process that exclude chemicals as much as possible, and Bio-synthesis Demo cosmetics Ingredients such as multi functional whitening, wrinkle improvement and UV blocking; and Professional Cosmetic Ingredients are also incorporated in our hair and amino derivatives. Daebong LS strives to meet the needs of our customers by providing One-Stop Service Solutions based on our Formulation, higher levels of Regulation, managing the relationships within our Value Chain and our industrial, institutional Networks.

Pharmaceutical Raw Materials



We develop the API of major anti-aging, respiratory, hypertension and digestive-system treatments and medicines and supply excipients to domestic companies as an agent for global companies. We are also able to meet the demands of our customers as we provide a Total Service by supplying the pharmaceutical technologies we have developed through our collaboration with top Formulation ventures to our client companies.

FOOD&FEED



We manufacture and distribute functional products including antioxidants, whitening and liver supplements with the amino L-Cystine, L-Cystine hydrochloride and other ingredients developed by our company. In addition, we also provide eco-friendly feed including the proteins and essential vitamins that are important for farming the fish we eat in order to improve digestion and absorption rates when consumed by humans.