FOR HEALTHY INFLAMMATORY RESPONSE

CASPEROME®

BIOAVAILABLE BOSWELLIC ACIDS

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WHAT IS CASPEROME®?
CASPEROME® is a purified mixture of triterpenoid acids from the gum resin of *Boswellia serrata*. Given the poor bioavailability of these compounds, Indena has formulated the extract with Phytosome® technology to optimize their absorption.

Boswellia extracts have been demonstrated to be effective in the management of various inflammatory response functions including those that occur in the bowel, joints, bones, respiratory airways and in the brain, with a mechanism of action that involves the modulation of the natural inflammatory response both acting on prostanoid synthesis (mPGE2S) and protein degradation (caspases), and transcription factors (NF-κB).

WHAT MAKES CASPEROME® UNIQUE?
CASPEROME®, highly standardized in boswellic acids is formulated with Phytosome® technology to achieve optimized absorption of the actives.

- CASPEROME® has been shown to support muscoskeletal health. Furthermore, in combination with sodium hyaluronate, collagen and glucosamine, has been shown to be supportive against elbow and tendon challenges.
- CASPEROME® has been shown to support gut health, and in a registry study to significantly alleviate all Irritable Bowel Syndrome symptoms compared to the best available treatments.

Furthermore in literature is is reported that:

- KBA and AKBA are selective 5-lipoxygenase inhibitor and then capable to manage the inflammatory response function through leukotriene inhibition. Recent findings have shifted the focus on β-boswellic acid, the major triterpenoid from the gum-resin, and its capability to modulate the inflammatory response enzymes cathepsin (catG) and microsomal prostaglandin E synthase (mPGES)-1, suggesting that β-boswellic acid plays a major role while the whole bouquet of triterpenoid acids is important for the beneficial effects of boswellia;

- Boswellia extracts have been demonstrated to be useful for bowel related inflammatory responses, and to improve physical function in subjects with joint and tendon challenges.

The bioavailability of boswellic acids from CASPEROME® is greatly optimized both at the plasma and at the tissue level.

**References**

3. Lazzaro F. Gastroenterology 2014;147(4):141-150
4. Lazzaro F., Loera M. Gastroenterology 2014;147(4):249-257
20. Indena S.p.A. casperome.info