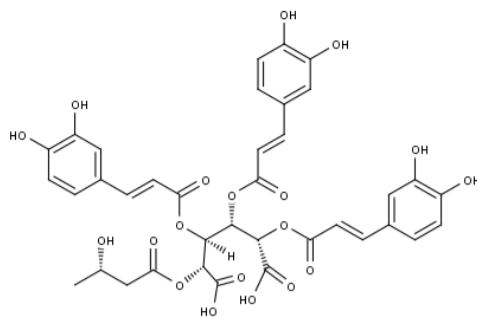
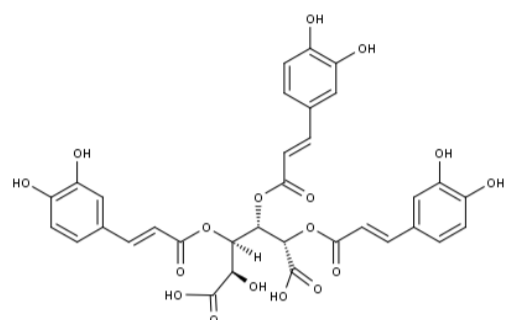


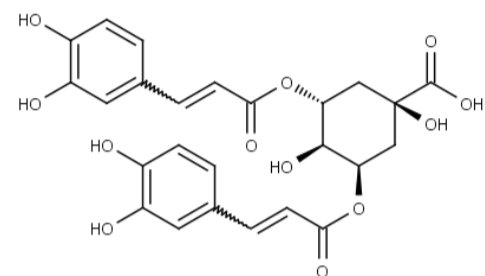
EDELWEISS PHENYLPROPANOIDS



LEONTOPODIC ACID A



LEONTOPODIC ACID B



3,5-DICAFFEYOYL QUINIC ACID

Edelweiss – *Leontopodium alpinum* – is the mythic flower sparsely distributed in the heights of Asian and Europe mountains. It grows at high altitudes of 1800-3000 meters in inaccessible areas and it is protected in many countries. From the early 2010's it has been recognized as a very valuable source of skin anti-aging principles by the cosmetic industry. Cultures have been developed, mainly in Valais area (Switzerland), making the herb and its extracts available for commercial applications. Also ingredients based on cell cultures are now proposed for formulation.

The main actives substances of its hydro-alcoholic extracts are Leontopodic acids A and B, new and very specific phenylpropanoids identified for the first time in 2005 (ref. 1). The plant is also rich in Chlorogenic acid and 3,5-Dicaffeoyl Quinic acid, another typical marker of its species.

For the first time on the market, Extrasynthese is now making available Leontopodic acids A and B as analytical standards and for small scale in vitro activity studies (ref. 2 & 3), to allow the industry and research community to deepen its knowledge in these fascinating substances.

Products :

- # 6032S - Leontopodic acid A
- # 6026S - Leontopodic acid B
- # 4946S - 3,5-Dicaffeoyl quinic acid
- # 4991S - Chlorogenic acid

References :

- (1)- S. Schwaiger and coll. , Tetrahedron 61 (2005) p. 4621-4630
- (2)- S. Costa and coll , J.Appl.Toxicol. 29 (2009) p. 7-14
- (3)- L. Daniella and coll. , Hindawi/Mediators of Inflammation (2012)

Contact : info@extrasynthese.com

WWW.EXTRASYNTHÈSE.COM