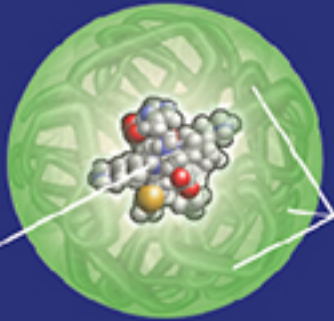


# LunaCell

For the Lunasin molecule to become bioavailable (absorbed by the body), it needs to be protected by protease inhibitor molecules. LunaCell is a new term that describes this combination.

## LunaCell



LUNASIN molecule

Protease inhibitor Molecules

**1** The Lunasin molecule is encased by protease inhibitors, which serve as a protective shell to prevent Lunasin destruction during digestion

**2** The protease inhibitors begin to break down in the stomach, however, they continue to provide sufficient protection to maintain the integrity of the Lunasin molecule as it moves through the upper digestive system

**3** Further breakdown of the protease inhibitors occurs as the Lunasin molecules enter the small intestine

**4** As the Lunasin molecule passes through the small intestine, the bonds with protease inhibitors are completely broken, releasing the bioavailable Lunasin for absorption

