

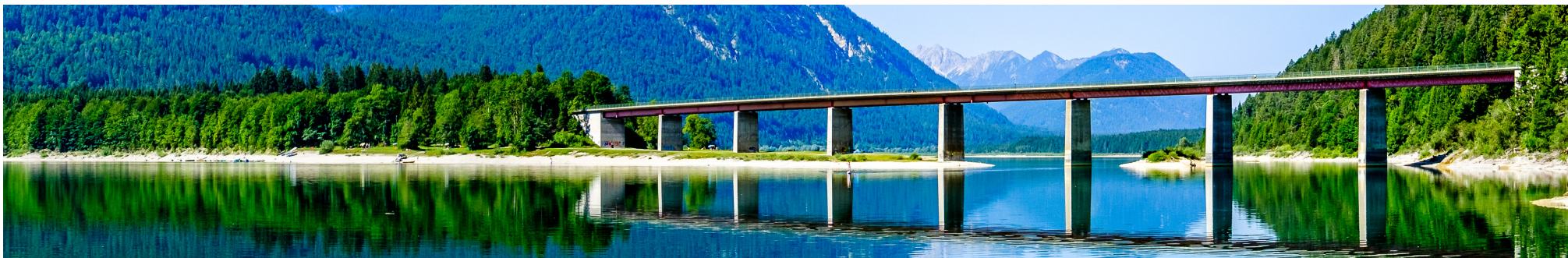
aXICHEM

Company brochure



We added to nature

aXiphen® – pure efficiency



The innovative bridge between nature and a healthier life

NOVEL FOOD
IN EU

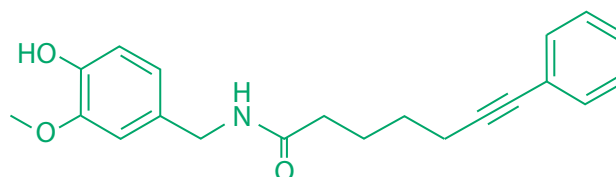
GRAS
IN US

The health benefits of chili with its active ingredient capsaicin have been known for centuries. But chili is also known for being hot and not so easily consumed. aXichem's Phenylcapsaicin combines the naturally occurring phenyl group with capsaicin, bridged by a triple bond, resulting in an innovative natural analogue capsaicin with high purity, where the pungency is greatly reduced.

Innovative Phenylcapsaicin adds to nature. Ecology and nature meet science to create a healthier, safer and more sustainable life. Available for humans with aXivite® and for animals with aXiphen®. Authorised in Europe as a Novel Food under the Novel Food legislation and as GRAS Food in US. Target specific authorisations are continuously in progress.

Phenylcapsaicin – great potential with pure benefits

- **Safety** - stable and easy to handle
- **Purity** - suited for industrial production
- **High potency** - high uptake, low dosage



aXiphen® – the future in farming

aXiphen® is an innovative, natural analogue capsaicin solution for improved health for chickens, hens, pigs and piglets, in a natural way. It promotes growth, reduces stress levels and has the potential to prevent health conditions like salmonella without any antibiotics. Based on extensive research and with well documented results, aXiphen® is the future in animal health for the modern farmer seeking to secure a sustainable ethical value chain, from the farm to the table. Due to its high purity, a more sustainable, cost-effective alternative for better animal health is possible.

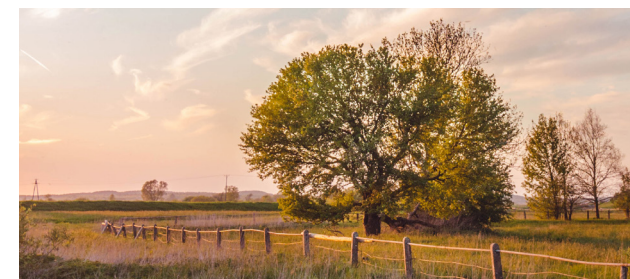


Benefits of aXiphen®

- Pure health for faster growth
- Good health inhibits diseases
- Healthy animals reduce costs
- Strong sustainable profile
- Easy to handle in production
- Bioenhancer

aXiphen® – pure protection for better health

The purity and concentration of aXiphen® are exceptional, making it reliable and efficient for high volume industrial production. The pungency of Phenylcapsaicin is greatly reduced in aXiphen® due to its encapsulation in a proprietary fat matrix, while the purity of the active compound, Phenylcapsaicin, secures the targeted action of aXiphen®. This is engineered for specific release, making it easy to handle, reliable and safe to use. Since aXiphen® works as a bioenhancer it also offers the benefit of better uptake of other nutrition.





aXichem is an innovative Swedish biotechnology company specialising in development of natural analogue ingredients. aXichem's product is a natural analogue substance, Phenylcapsaicin, which is a synthetically developed and patented capsaicin. Since it is developed synthetically, it has several advantages compared to natural capsaicin, such as controllable quality and production process. The product is suited for a number of different areas, such as nutraceuticals and animal feed.

aXichem - pure health in line with nature

aXICHEM