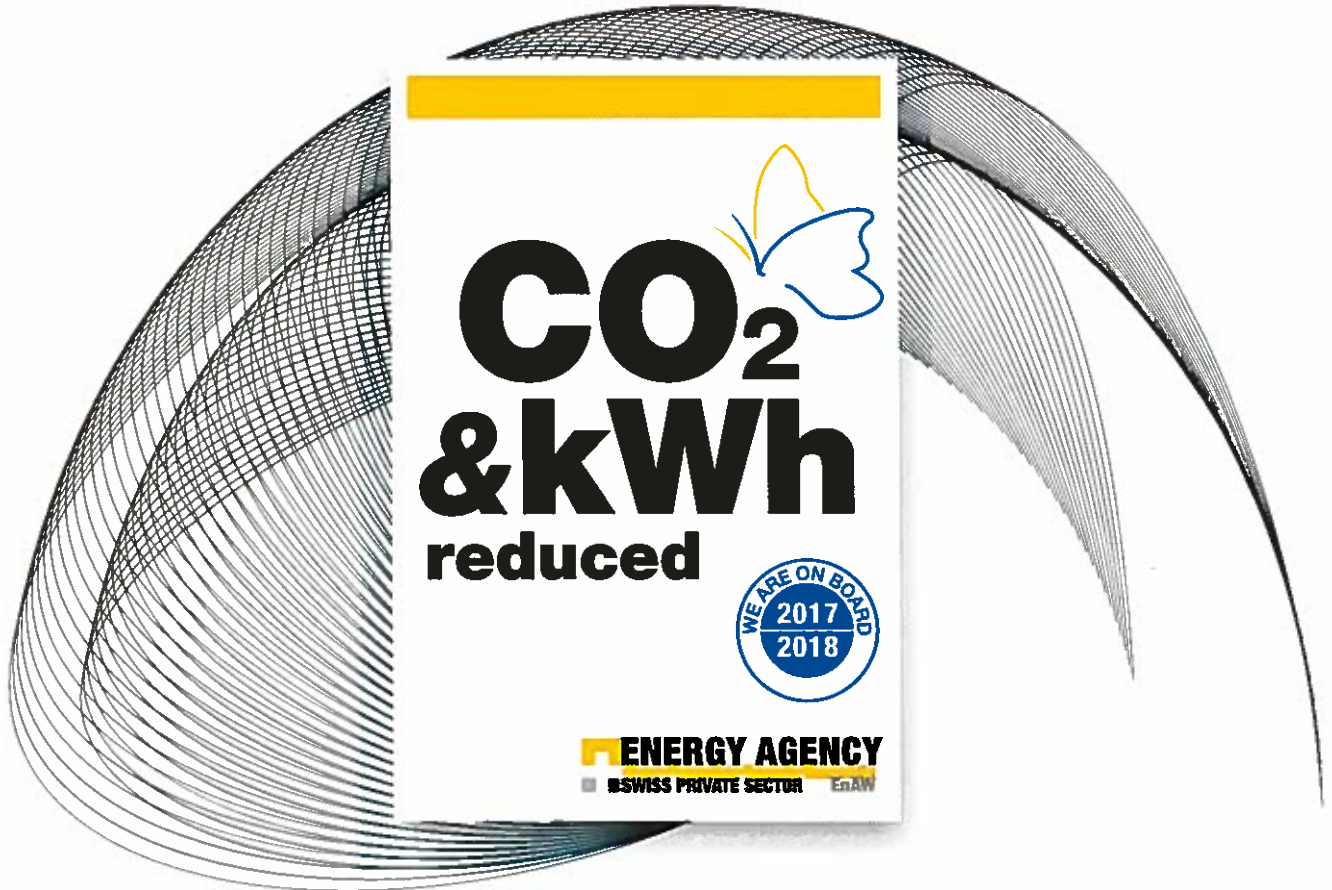


Certificate of the Swiss Private Sector Energy Agency

Voluntary Climate Protection and Energy Efficiency



Actelion Pharmaceuticals Ltd

Actelion Pharmaceuticals Ltd is convinced of the need to stand up for sustainable climate protection. By voluntarily declaring its adherence to the Swiss Private Sector Energy Agency programme, Actelion Pharmaceuticals Ltd commits to actively reducing CO₂ emissions and optimizing energy efficiency. The Swiss Federal Government, cantons and private sector partners honor the target agreement.

A. Eberle
Dr. Armin Eberle

Swiss Private Sector Energy Agency

1st January 2017

Krummenacher
Stefan Krummenacher

Swiss Private Sector Energy Agency