



Sociedad Española de
Química Terapéutica



USE ProtoPRED NOW!

- Save \$\$\$
- Very easy to use
- Pay-per-use or annual fee
- Ready-to-file regulatory results (e.g. REACH Annexes)

DON'T MISS OUT!
BEGIN USING **ProtoPRED** NOW AND
ENJOY OUR RELEASE PROMOTION!



Go to protoQSAR.com/protoPRED

Use me!



Fill out a quick form

30 second form!



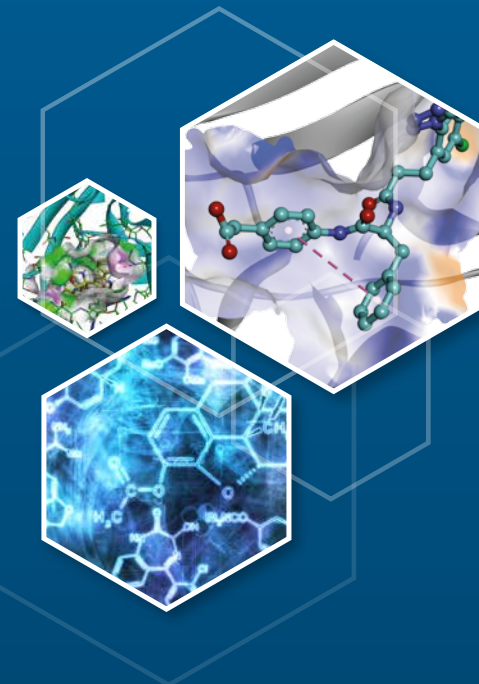
Download ProtoPRED



Begin saving time and money
in your toxicology studies!



ProtoQSAR



COMPUTATIONAL TOXICOLOGY:

FAST, ECONOMICAL & ETHICAL

ABOUT US

 Company founded 2012

 12 employees

 100+ peer-reviewed scientific publications

WHY COMPUTATIONAL TOXICOLOGY?

QSAR and REACH

Computational toxicology allows **FAST, ECONOMICAL** and **ETHICAL TOXICOLOGICAL EVALUATIONS**, complying with all regulations of registry and authorization of chemicals (e.g. EU's REACH).

Computational toxicology allows you to avoid most animal tests, thus **SAVING TIME & MONEY** and complying with the **ETHICAL MANDATE** to limit animal testing (3 Rs).

 **FAST RESULTS**
Easy and immediate application to thousands of chemicals

 **ECONOMICAL**
Experimentation costs not needed

 **ETHICAL**
Animal testing is replaced by our models (3 Rs). *In vivo* research to be performed only as a last resort, as recommended by regulators.


 **REGULATORY VALIDITY**
OECD, ECHA, EMA, EFSA, FDA, ICH guidance on pharmaceutical impurities, European directives for registration and labeling of compounds (REACH, CLP, cosmetics, biocides, etc.)...

ProtoPRED

ProtoPRED is a virtual lab replacing most chemical experiments and biological tests (*in vitro* / *in vivo*).

WHY ProtoPRED?


ProtoPRED goes beyond its computational toxicology competitors by providing:

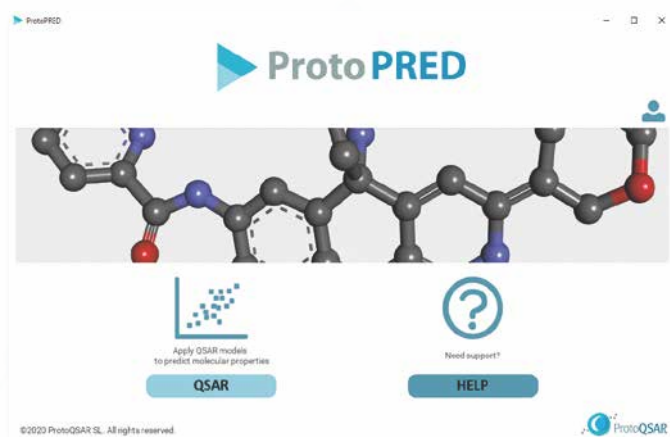
 **LARGER LIST OF PARAMETERS** (physico-chemical, toxicological and ecotoxicological) of interest. (e.g. we cover all REACH Annexes)

 **LARGE DOMAIN OF APPLICABILITY (DA):** most chemicals can be evaluated

 **REGULATORY APPLICABILITY** guaranteed, models developed following the OECD & ECHA rules

 Ready for **IMMEDIATE, USER-FRIENDLY USE** of the tool

 **READY-TO-FILE RESULTS**
QMRf & QPRF dossiers required by regulators provided (required by regulators)



ProtoPRED CAN BE USED IN DIFFERENT AREAS

 pharmacy

 agrochemical

 veterinary

 functional food

 cosmetic

 many more!

OTHER WAYS TO COLLABORATE

 **CONSULTING CHEMOINFORMATICS & MOLECULAR MODELING**

- Drug discovery
- Agrochemicals with lower environmental impact
- Nanomaterials risk assessment
- And many more!

 **PREDICTIVE MODELS FOR REGULATORY PURPOSES.**

- Physico-chemical parameters
- Toxicity in humans
- Ecotoxicity

 **COLLABORATIVE PROJECTS**

ProtoQSAR participates in different international research initiatives and is always open to listen to project proposals!