Cheminformatics with Multi-Sigma™
Revolutionizing Chemical Research with AI Precision

Successfully Predicted with High Accuracy

#Inorganic #Organic #Chemical #Material Science #Material Informatics

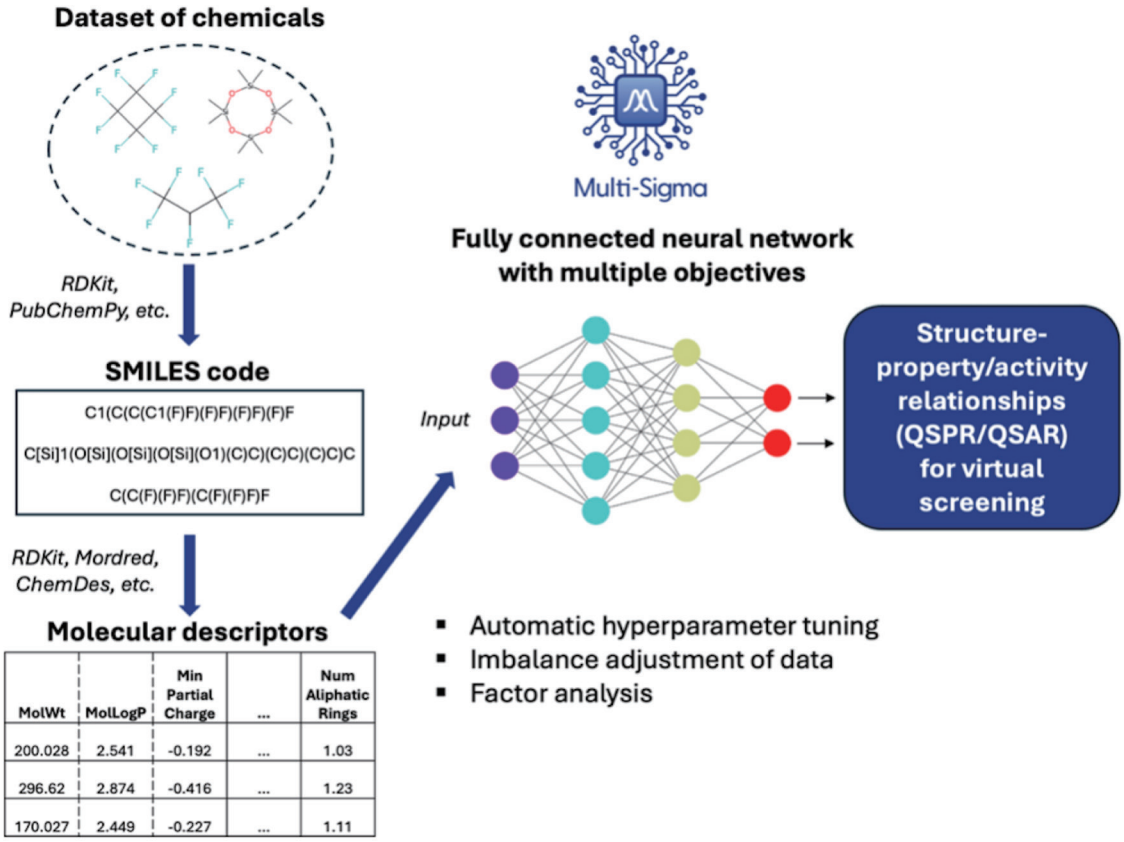
Multi-Sigma™ offers a powerful AI platform for researchers to model quantitative structure-property/activity relationship (QSPR/QSAR)

Challenge

Handling large-scale datasets and modeling complex chemical interactions are challenging, with traditional models limited by manual processes and lower predictive accuracy.

Solution

Multi-Sigma™leverages advanced neural network architectures to accurately map complex structure-property/activity relationships using molecular descriptors generated from chemical structures with open-source packages like RDKit, Mordred, and ChemDes. Integrating Multi-Sigma™not only enables precise chemical property prediction but also facilitates highly efficient virtual screening.



AIZOTH provides AI services such as Multi-Sigma, AI consulting, spot support to optimize manufacturing conditions, and commissioned R&D.
Multi-Sigma is the cloud-based AI software for R&D to reduce the effort of experiment drastically and also to help researchers finding the innovative solutions for their actual problems with minimum experimental dataset.
For more information, visit https://aizoth.com/en/.

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