



Proyecto PDC2021-120938-I00 financiado por MCIN/ AEI/10.13039/501100011033 y por la Unión Europea Next GenerationEU/PRTR

Identificación del proyecto:

Servicio de Propiedad Intelectual Química en el IMIM (CIPSI)

Descripción del proyecto:

In pharmaceutical industry, patent protection of chemical series of pharmacological relevance is of utmost importance. Equally important then is the need of every chemist to check whether a particular synthesis plan may lead to small molecules covered already by a patent claim. This is why complete mapping of the chemical landscape defined by pharmacological patents is being increasingly pursued as a means to assess chemical intellectual property (CIP). As part of the recently completed SAF2017-83614-R project, we developed a state-of-the-art filtering protocol to clean the SureChEMBL patent database from reactants and intermediates. The results were deposited in the public domain for the benefit of the entire scientific community. This call for Proof of Concept projects gives us the opportunity to generate value from our earlier efforts and propose the construction of a CIP Service in our Institution (CIPSI). The CIPSI portal aspires to contain the largest integrated public chemistry database of small molecules exemplified in patents and to offer a suite of analytics tools to explore the topography of the similarity landscape defined by them.

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126.500,00€

Este proyecto está cofinanciado por la Unión Europea NextGenerationEU/ PRTR