

Title (en)

NUCLEIC ACID ENCODED CHEMICAL LIBRARIES

Title (de)

NUKLEINSÄURECODIERTE CHEMISCHE BIBLIOTHEKEN

Title (fr)

BIBLIOTHÈQUES CHIMIQUES CODÉES PAR L'ACIDE NUCLÉIQUE

Publication

EP 3898968 A1 20211027 (EN)

Application

EP 19832693 A 20191220

Priority

- GB 201821109 A 20181221
- EP 2019086831 W 20191220

Abstract (en)

[origin: WO2020128064A1] This invention relates to the production of nucleic acid encoded chemical libraries using a population of first conjugates comprising a first nucleic strand coupled to a first reactive group and a first set of one or more chemical moieties at a first end and a population of second conjugates comprising a second nucleic strand coupled to a second reactive group and a second set of one or more chemical moieties. The first and second nucleic acid strands are hybridised together to produce a population of double stranded molecules having the first and second sets of chemical moieties at an end thereof, and the first and second reactive groups are then reacted to covalently link the first and second sets of chemical moieties and produce cyclised pharmacophores coupled to the double stranded molecules. The population of double stranded molecules form a chemical library. Nucleic acid encoded chemical libraries and their production and use are provided.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020128064A1

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