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(54) Title: TAGLESS ENCODED CHEMICAL LIBRARY

(57) Abstract: Described is a method for screening an encoded chemical library, which library comprises a plurality of different chemical structures each releasably linked to an encoding tag, the method comprising the steps of: (a) providing said library of tagged chemical structures; (b) releasing each chemical structure from its tag to produce a plurality of free, tagless chemical structures (TCSs); (c) screening the TCSs by contacting them with an assay system under conditions whereby a spatial association between each TCS and its tag is maintained, to produce a plurality of different screened TCSs each spatially associated with its tag; and (d) identifying a screened TCS by decoding a tag that is spatially associated therewith.

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