

Title (en)

A BINARY CODING METHOD FOR USE IN COMBINATORIAL CHEMISTRY

Title (de)

EINE BINÄRE KODIERUNGSMETHODE ZUR VERWENDUNG IN KOMBINATORISCHER CHEMIE

Title (fr)

PROCEDE DE CODAGE BINAIRE DESTINE A ETRE UTILISE EN CHIMIE COMBINATOIRE

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Application

EP 96936686 A 19961018

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Abstract (en)

[origin: WO9714814A1] The present invention is to a technique for labeling a ligand or compounds covalently bound to solid-phase-synthesis resin with a tag containing ^{13}C and/or ^{15}N . This tagging along with high-resolution isotope filtered ^1H NMR, and Magic Angle Spinning probes provides for a technique which is general, nondestructive, and leaves the resin-bound sample intact and available for further chemical transformations. The limit of detection (< 800 pmol) in this system is sufficient to allow NMR to be used in deciphering the contents of a "one-bead, one-compound" combinatorial chemistry library.

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