

Title (en)
CHEMICAL CONSTRUCTS

Title (de)
CHEMISCHE KONSTRUKTIONEN

Title (fr)
CONSTRUCTIONS CHIMIQUES

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Application
EP 00966100 A 20001003

Priority
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Abstract (en)
[origin: WO0125171A1] A chemical construct for use in solid phase synthesis comprising a solid support Q having linked thereto via a connecting group Y a substrate R; the connecting group Y having first and second cleavage sites which are orthogonally and selectively cleavable; the second cleavage site being selectively cleavable to release the substrate; and the first cleavage site being located at a position between the second cleavage site and the solid support and being selectively cleavable to release a fragment Fr<u> comprising the substrate and at least a portion of the connecting group Y, wherein the said portion contains a chromophore C<u> which facilitates analysis of the fragment Fr<u> by ultra violet, visible or fluorescence spectroscopy, the chromophore C<u> having a principal log E_{max} value of at least 2.5 and wherein (i) the principal log E_{max} value is at least 1.5 times greater than the principal log E_{max} of the substrate R; or (ii) the chromophore C<u> has an absorption peak at a wavelength remote from absorptions due to the substrate R; and to methods of analysis of products of solid phase synthesis using the constructs.

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