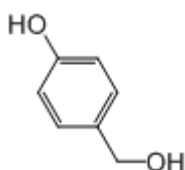


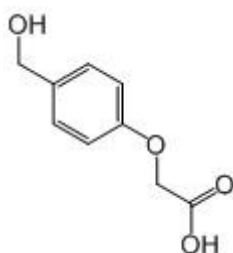
Linkers for SPPS

The proper choice of resins and linkers for solid-phase peptide synthesis is a key parameter for successful peptide synthesis. Psychlopeptide can provide the most common and useful linkers for the synthesis of peptides with C-terminal amides, carboxylic acids, and more.

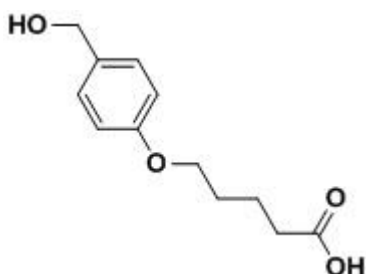
- 1, Wang linker
Cas#: 623-05-2
Cat#: 8511001
Structure:



- 2, HMP linker
Cas#:68858-21-9
Cat#: 8511002
Structure:



- 3, 5-(4-(hydroxymethyl)phenoxy)pentanoic acid
Cas#:-
Cat#: 8511027
Structure:



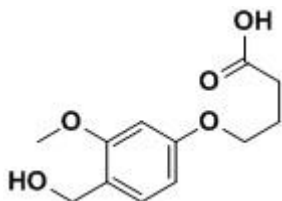
Description: Replacement of the acetic acid moiety by valeric acid within the 4-hydroxymethylphenoxyacetic acid (HMP) linker significantly improved its performance in terms of loading capacity, yield and purity of the final products.

4, HMPB linker

Cas#: 136849-75-7

Cat#: 8511004

Structure:



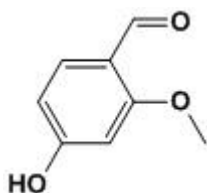
Description: The Fmoc-chemistry allows the selective acidolytic cleavage of fully protected peptides with a free α -carboxyl group from the solid-phase resin using the highly acid-labile HMPB linker.

5, MALDRE linker

Cas#: 18278-34-7

Cat#: 8511047

Structure:



Description: The electron rich benzaldehyde derivatives 2-methoxy-4-hydroxybenzaldehyde has been investigated for use as linkers for solid phase organic synthesis.

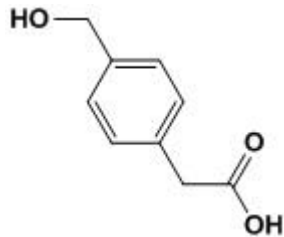


6, PAM linker

Cas#: 73401-74-8

Cat#: 8511048

Structure:



Description:

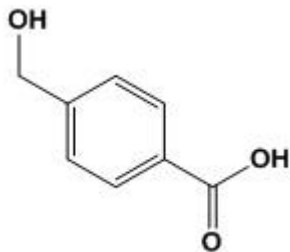
Peptides with C-terminal carboxylic acid were synthesized using standard Boc-mediated solid-phase methodologies on a PAM resin.

7, HMBA linker

Cas#: 3006-96-0

Cat#: 8511003

Structure:



Description:

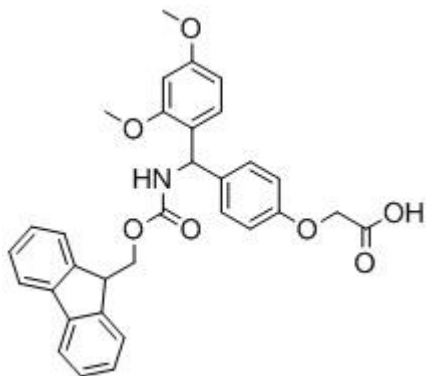
The benzyl ester, which forms the HMBA linker with the first amino acid, is stable to piperidine, used for Fmoc group removal, making the linkage applicable for chemical elongation of a peptide sequence with Fmoc strategies.

8, Rink Amide Linker

Cas#: 145069-56-3

Cat#: 8511005

Structure:

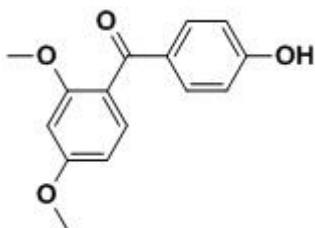


9, 4-(2,4-dimethoxybenzoyl)phenol

Cas#: 41351-30-8

Cat#: 8511052

Structure:

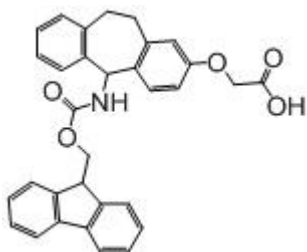


10, Ramage Linker

Cas#: 212783-75-0

Cat#: 8511029

Structure:



Description:

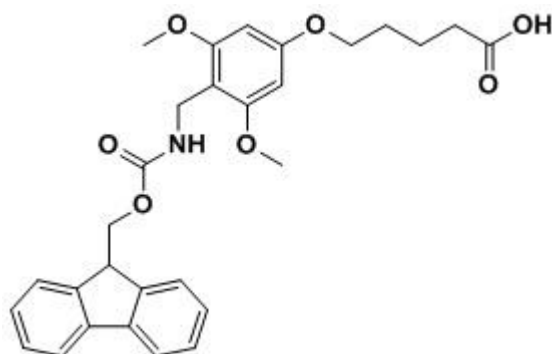
Ramage linker is a superior handle for routine preparation of peptide amides, especially peptides containing acid labile residues such as Trp and/or Tyr(SO₃H).

11, PAL linker

Cas#: 115109-65-4

Cat#: 8511009

Structure:



Description:

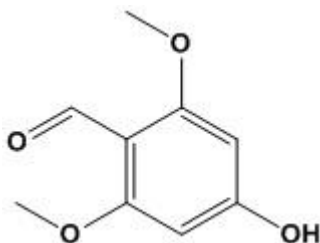
PAL is an acid-labile anchoring linker for solid-phase synthesis of C-terminal peptide amides under mild conditions.

12, 4-Hydroxy-2,6-dimethoxybenzaldehyde

Cas#: 22080-96-2

Cat#: 8511053

Structure:

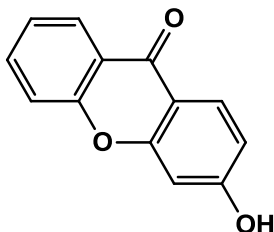


13, Sieber linker

Cas#: 3722-51-8

Cat#: 8511032

Structure:



Description: An efficient, versatile linker for solid phase peptide synthesis, based upon the 3-Hydroxyxanthone-9-one system, has been developed for the synthesis of C-terminal primary/secondary amides and hydrazides.

14, Fmoc-XAL linker

Cas#: -

Cat#: 8511033

Structure:

