



Activotec

# UV Monitoring of Peptide Synthesis

Automated Fmoc Synthesis Monitoring on the Activo-P11 Peptide Synthesizer

## New!

Activotec announces an exciting new development for its Activo-P11 Peptide Synthesizer, automatic UV monitoring of the Fmoc removal during solid phase synthesis with feedback to the synthesizer software. It is well known that often the reason for a poor or failed coupling is the failure to completely deprotect the previous amino acid.



## Key Features

- Automatically monitor the coupling of each amino acid
- Automatically change deprotection or coupling protocols using feedback to the software
- Use DMF or NMP as synthesis solvents
- The only synthesizer with both **UV monitoring and heating**

## Benefits

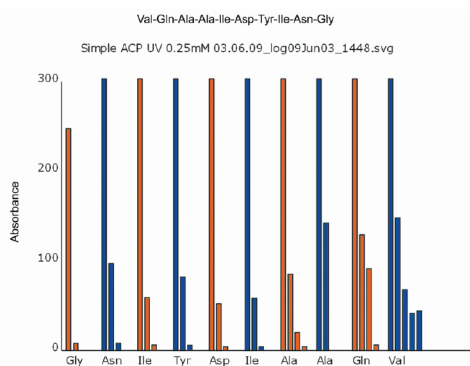
- User is reassured that each amino acid is actually coupled
- Make difficult and long peptides
- Produce peptides of higher purity
- Learn the synthesis conditions required to couple each amino acid



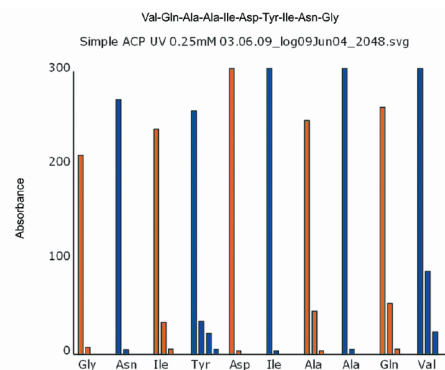
Activotec UV Monitor

The UV monitoring system can be ordered with a new Activo-P11 or existing customers can be upgraded on site.

### Automatic UV Monitoring of ACP Synthesis on the Activo-P11 Synthesizer - in DMF



### Automatic UV Monitoring of ACP Synthesis on the Activo-P11 Synthesizer - in NMP



## Technical Support

Activotec has unsurpassed experience in peptide synthesis chemistry and automation, the Activo-P11 has been developed and used in house by our synthesis team. Activotec is totally committed to supporting its customers worldwide and to further developing products for peptide synthesis, user input into the development of products is actively encouraged.

- Fast reliable service engineers and application chemists.
- Service contract options are available to suit your requirements.
- Chemists are available to help with instrument application and chemistry if required.
- Training is provided on site or in Activotec's facility.

**Activotec is a supplier of state-of-the-art synthesis technology providing chemists with valuable research and development tools.**

**If you would like further details of the Activo-P11 monitoring system or any of Activotec's range of synthesis instruments or services please contact us below.**



Activotec demonstration laboratory



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