

Drug Characterisation, In-vitro Absorption And Stability

TetraQ Pharmaceuticals aims to assist companies to characterise and optimize lead compounds in development. Assessment of the identity, purity, solubility and oral absorption of a lead compound is essential before a drug can be progressed through the development pipeline. We offer drug characterisation services as well as measurement of properties such as *in vitro* absorption and stability. Furthermore, we offer a range of drug formulation services to assist clients with poorly water soluble drugs and also offer modified peptide synthesis services to improve oral availability of peptide drugs.

Physicochemical Characterisation

Structure determination and purity:

- NMR, UV/Visible spectra, Infra-Red, Raman spectroscopy, LC-MS, GC-MS, HPLC

Physicochemical properties:

- Partition coefficient (logP), Melting point, Solubility determination, pH, Particle sizing/ Zetasizing

Packages of the above services are available

Custom Peptide Synthesis

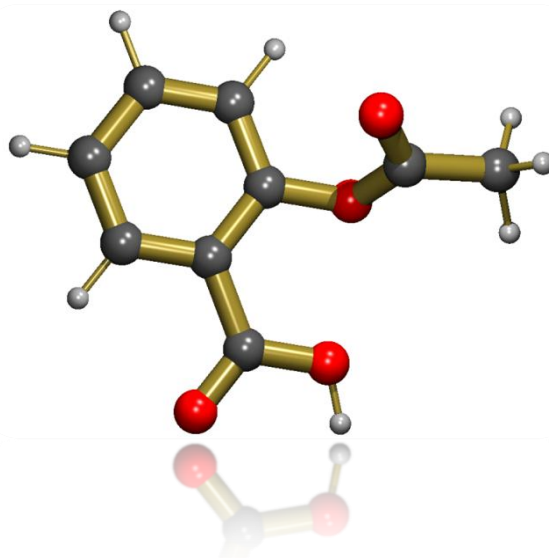
TetraQ Pharmaceuticals offers a specialised service for the synthesis of peptides that may have improved membrane permeability and stability properties.

Other Services

- ✓ Dissolution testing
- ✓ Analytical method development and validation
 - HPLC, GC-MS, LC-MS
- Stability Studies
- Chemical and biological stability to ICH guidelines

Consulting

In addition to providing a range of contract services for clients, we are available to consult to your business and advise on early stage drug development activities. This may include participation in meetings of scientific advisory boards, providing an expert opinion, or reviewing documentation.



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