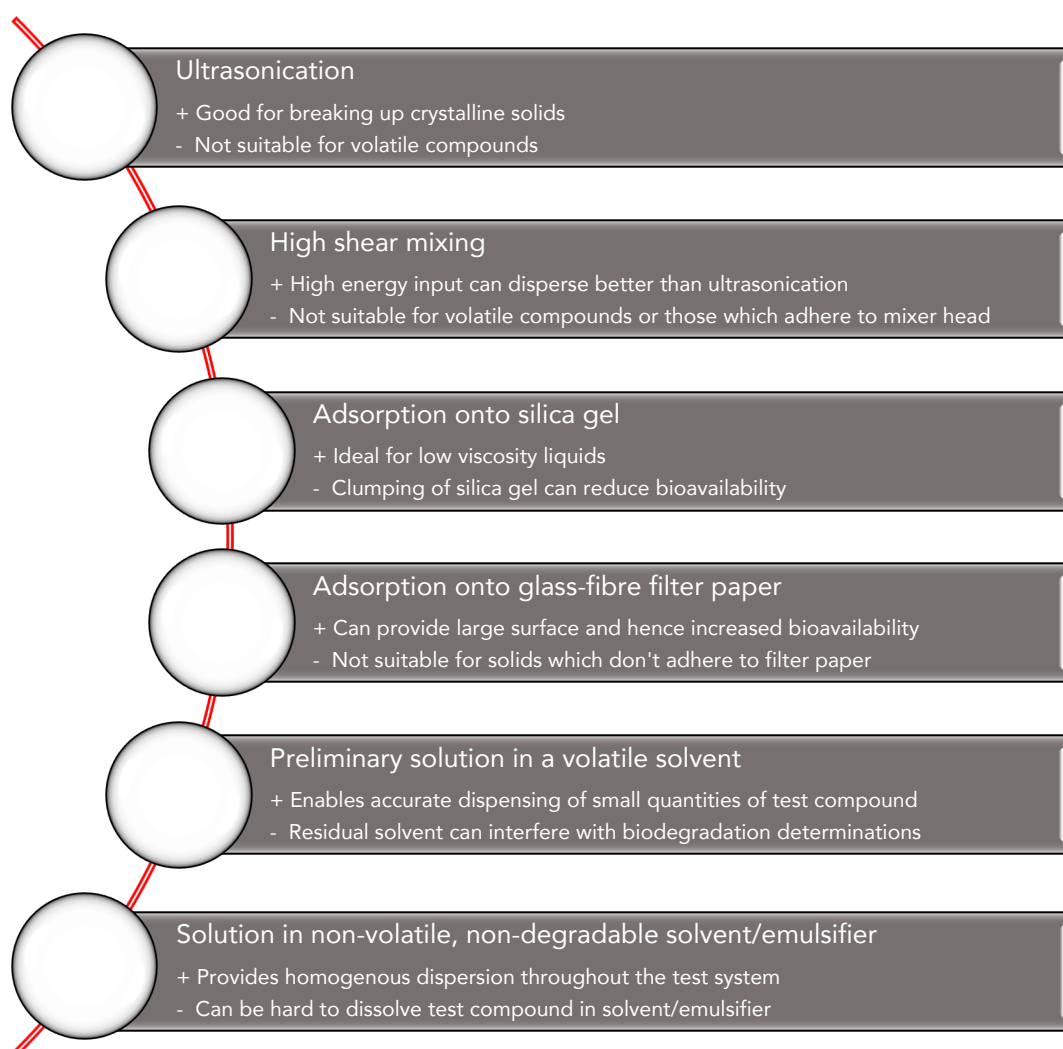


Improving biodegradation of low solubility compounds

Improve biodegradation of your compound with these helpful modifications

Poorly water soluble compounds often suffer from low levels of biodegradation in standard biodegradation tests. The reason for this lack of biodegradation is often due to poor bioavailability of the test compound within the aqueous based test system. Methods of addition of the test compound to the test system which help to disperse the test compound increase bioavailability and hence the potential for biodegradation to occur.

Typical methods of addition of test compound



Preliminary work must be undertaken prior to commencing a biodegradation test to assess the suitability of the above methods of preparation. In some cases a combination of the above methods may be appropriate, in other instances simultaneous testing using a number of preparation methods is more suitable.