3 simple steps for sample buffer optimization.

1. Solubility & Stability Screen

Identify additives & excipients that promote solubility & stability

2. Solubility & Stability Screen 2

Identify buffer, pH & ionic strength that promote solubility & stability

3. Slice pH

Identify buffer & pH that promote solubility & stability

The sample is the most important variable in a crystallization experiment. Minimizing aggregation and optimizing stability can improve your rate of crystallization success. Combining Differential Scanning Fluorimetry (DSF) and Dynamic Light Scattering (DLS) with specialized screens developed by Hampton Research can help you optimize your sample buffer in hours or less. To learn more, please visit hamptonresearch.com and enter DSF in Search or e-mail tech@hrmail.com with DSF in the Subject.

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