

CUSTOMER CASE STUDY



Opening a Wider Crystallisation Window

How the Asynt ColdCoil supports temperature-controlled co-crystallisation in flow

CUSTOMER

Meg O'Neill
University of Liverpool

PRODUCT

Asynt ColdCoil

APPLICATION

Temperature-controlled
co-crystallisation in flow

TEMPERATURE-CONTROLLED CO-CRYSTALLISATION

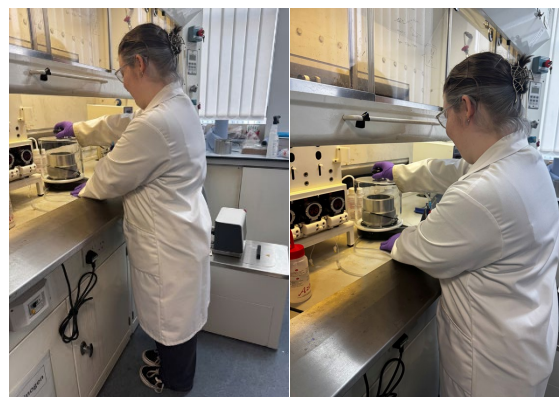
"I used the Asynt ColdCoil Reactor for temperature-controlled co-crystallisation in flow as part of my research into controlling crystal size and morphology. The ColdCoil provided consistent and accurate temperature control, including at very low temperatures, which allowed us to explore a much wider range of crystallisation conditions and reaction space."

EASY INTEGRATION AND REPRODUCIBILITY

One of the key advantages was how easily the ColdCoil could be integrated with our existing flow equipment. It was straightforward to set up and use, while providing the temperature stability required for reproducible experiments. The ease of use and reliable temperature control made it a valuable addition to our flow setup.

SUPPORT THROUGHOUT

Asynt were also very helpful and supportive throughout the process, providing assistance when needed and making it easy to incorporate the equipment into our existing workflow. Overall, the ColdCoil was a very useful tool for expanding the range of temperature-controlled co-crystallisation conditions we could investigate in flow."



Registered Address: Hall Barn Road Industrial Estate, Isleham, Cambridgeshire CB7 5RJ, UK
VAT: GB 838 5592 82 Company Registration: 5160407



CUSTOMER CASE STUDY (Continued)



"The ColdCoil provided consistent and accurate temperature control, including at very low temperatures, which allowed us to explore a much wider range of crystallisation conditions and reaction space."

Meg O'Neill, Member of Prof. Anna Slater's Group, University of Liverpool

CUSTOMER PERSPECTIVE

"I used the Asynt ColdCoil Reactor for temperature-controlled co-crystallisation in flow as part of my research into controlling crystal size and morphology. The ColdCoil provided consistent and accurate temperature control, including at very low temperatures, which allowed us to explore a much wider range of crystallisation conditions and reaction space.

One of the key advantages was how easily the ColdCoil could be integrated with our existing flow equipment. It was straightforward to set up and use, while providing the temperature stability required for reproducible experiments. The ease of use and reliable temperature control made it a valuable addition to our flow setup.

Asynt were also very helpful and supportive throughout the process, providing assistance when needed and making it easy to incorporate the equipment into our existing workflow. Overall, the ColdCoil was a very useful tool for expanding the range of temperature-controlled co-crystallisation conditions we could investigate in flow."

Explore the Asynt ColdCoil:

<https://www.asynt.com/product/coldcoil-reactor-module/>

enquiries@asynt.com | +44 (0)1638 781709

Asynt reference: ASY-CS-207

Registered Address: Hall Barn Road Industrial Estate, Isleham, Cambridgeshire CB7 5RJ, UK
VAT: GB 838 5592 82 Company Registration: 5160407

