

Success Story

Transforming peptide macrocyclization

From low yields
to scalable success





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The Challenge

Low macrocyclization
efficiency (~**10-15%
conversion**)



Challenges in
identifying a **robust
purification/
isolation strategy** to
achieve **>99% HPLC
purity**

Difficulty in
controlling **dimer &
trimer formation**



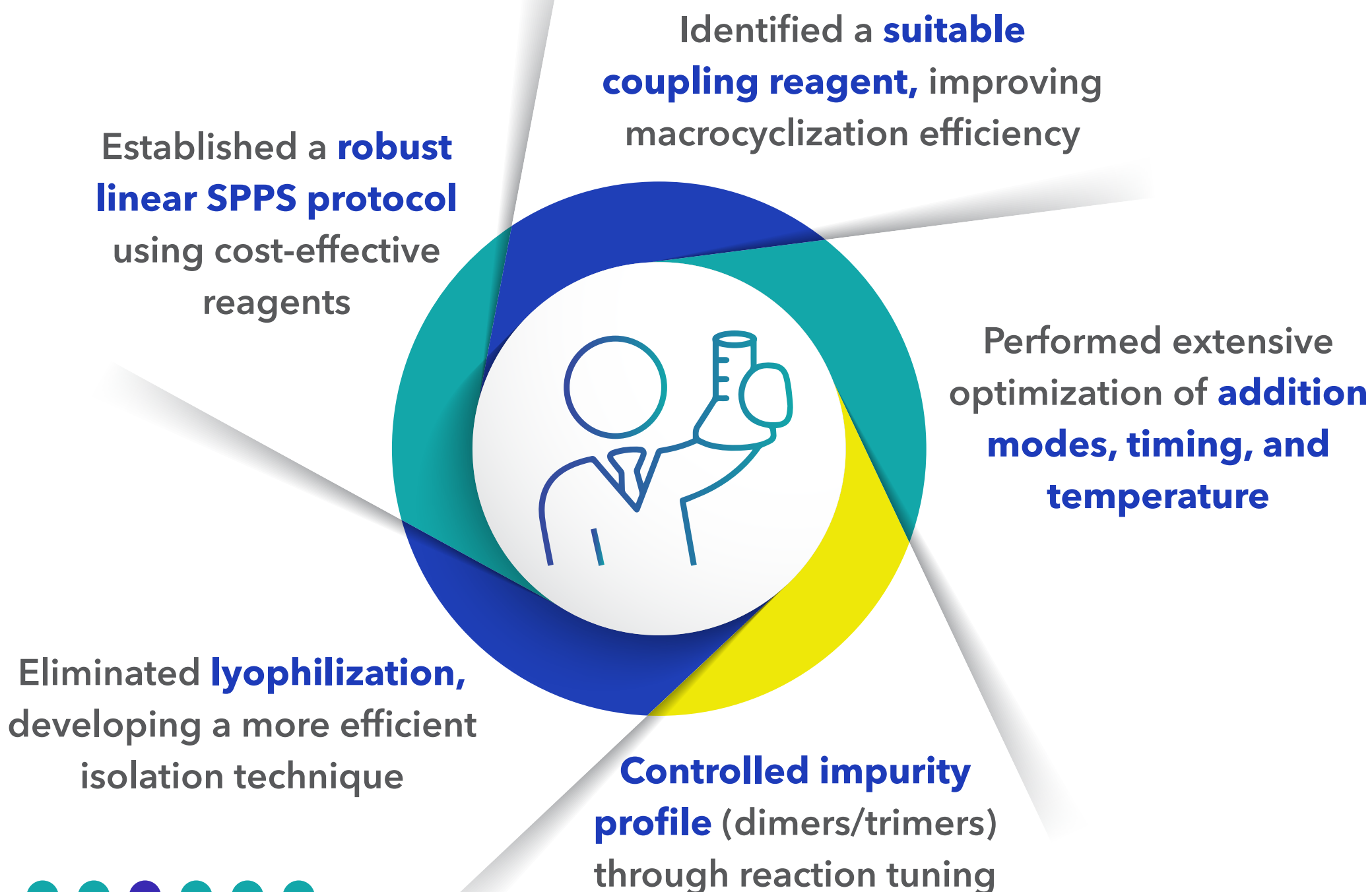


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Our Approach

We implemented a systematic process development strategy:





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The Impact

Conversion
improved from
10-15% → 60-65%

Achieved
>99% HPLC purity

Enabled consistent
product quality
across batches

Developed a scalable
and cost-efficient
process





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Scale-Up Success

Successfully delivered
cGMP batch of cyclic peptide

Established a **reproducible**
SPPS-to-cyclization workflow





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Unlock complex peptide challenges with confidence

If you're facing challenges in peptide synthesis, macrocyclization, or scale-up, we'd be happy to explore solutions with you.



Connect with us to discuss your program



Discover how Aurigene can accelerate your development journey

