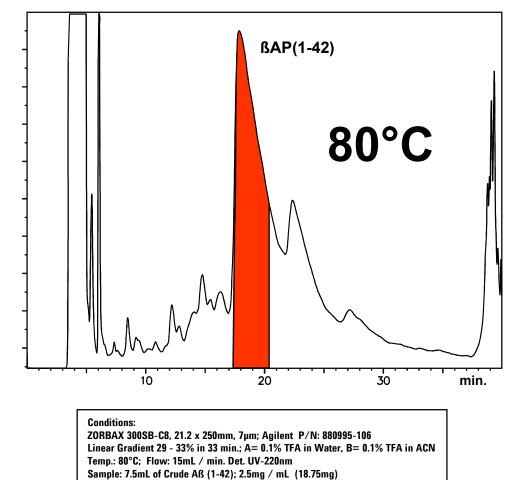


This preparative separation of crude synthetic amyloid β (1-42) peptide shows good peak shape and excellent recoveries (> 70%) using high temperature conditions. In comparison, separations at lower temperature are very poor for this highly hydrophobic and aggregative peptide (<10% recovery at 25°C). In a single step, highly purified peptide (> 97%) was obtained.



Highlights

- Highly stable ZORBAX StableBond C8 packing materials can be operated under extreme conditions of high temperature and low pH.
- The highly efficient 2.1 mm ID preparative column packed bed remains stable even at high temperature (80°C).
- Small particle diameter (7 µm) packing materials permit high resolution, high speed preparative separations with a reasonable load level.



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Printed in the USA April 25, 2002 5988-6447EN



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