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November 21, 2019. Synthesis on Scale: Process Chemistry in the Pharmaceutical Industry. Wednesday, January 15, 2020 9:00 am to 4:00 pm Department of Chemistry & Chemical Biology Rutgers University 321 Bevier Road, Piscataway, NJ 08854.

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Peter Harrington, PhD, provides consulting and training in the field of pharmaceutical process chemistry. Dr. Harrington's newest book, "Pharmaceutical Process Chemistry for Synthesis: Rethinking the Routes to Scale-Up", describes the process chemistry involved in several popular small-molecule drugs, including abilify®, celebrex®, crestor®, cymbalta ...

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Jeremy Parker, Principal Scientist Chemical Development ...

Advances in flow chemistry to produce active pharmaceutical ingredients (APIs) require performing reactions in tailor-made equipment as complexity of the planned setups increases. To react quickly and with low costs to these demanding reactions, additive manufacturing, also known as 3D printing, is a preferred way for the production of customized reactors. This work presents three examples of ...

The modularisation of chemical API synthesis

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a biological process

using engineered yeast for the production of large quantities of artemisinic acid 20 (AA; Scheme 6),²⁸ Scheme 5 Chen's asymmetric alcoholysis process. Fig. 3 Plant *Artemisia annua*. Pharmaceutical Fronts Vol. 2 No. 1/2020 e32 Recent Advances of Pharmaceutical Process Chemistry and Its Innovation in China Tang et al.

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