

Application of Flow Chemistry to Metal Organic Frameworks

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Abstract:

Commercialisation of multiple novel chemistries using flow processing has been performed for a wide range of processes ranging from discreet small molecules through to niche polymers. Flow chemistry has been crucial to accessing many of these chemistries. This presentation will provide an overview of our most recent work on the continuous production of the metal-organic-framework (MOF) of Aluminium Fumarate (Figure 1). The scope and limitations associated with this process will be discussed.

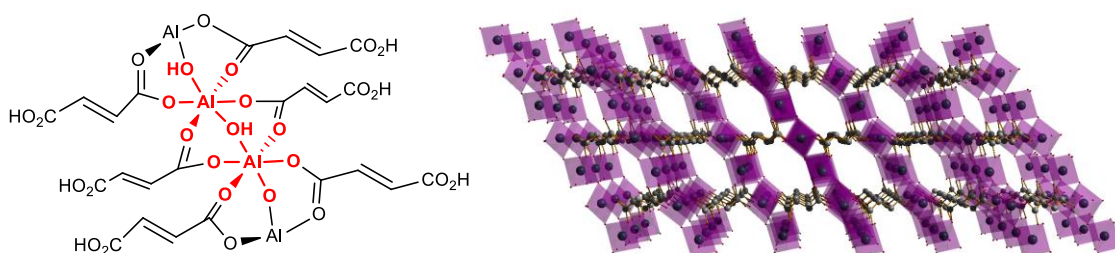


Figure 1: Aluminium Fumarate MOF