

Facile, environmentally friendly fabrication of porous silver monoliths using the ionic liquid N-(2-hydroxyethyl)ammonium formate

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5 **The environmentally friendly ionic liquid N-(2-hydroxyethyl)-ammonium formate works as a reaction medium, reducing and templating agent in the mild microwave synthesis (5 min, 80°C) of a macroporous silver framework.**

separations, sorption and electrochemistry. Methods to synthesize such materials include the colloidal,¹⁶ gel¹⁷ and biological¹⁸ templating methods. It has been noted that it is quite difficult to obtain porous metal frameworks like silver
55 from soft templates.¹⁹ Few examples have been reported. For