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# Specific recognition of polyphenols by molecularly imprinted polymers based on a ternary deep eutectic solvent

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## HIGHLIGHTS:

- A ternary DES with an insoluble compound as a template was used to prepare a MIP.
- The MIP had obvious characteristics of chromatographic packing materials.
- The recognition of MIP followed the second-order kinetics and the Freundlich model.
- The DES based-MIP is a feasible strategy for further MIP research developments.

## Abstract

Typically, a target compound is selected as a template for a molecularly imprinted polymer (MIP); however, some target compounds are not suitable as templates

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