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Title: Comparative stability-indicating chromatographic methods for determination of 4-hexylresorcinol in pharmaceutical formulation and shrimps

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## Comparative stability-indicating chromatographic methods for determination of hexylresorcinol in pharmaceutical formulation and shrimps

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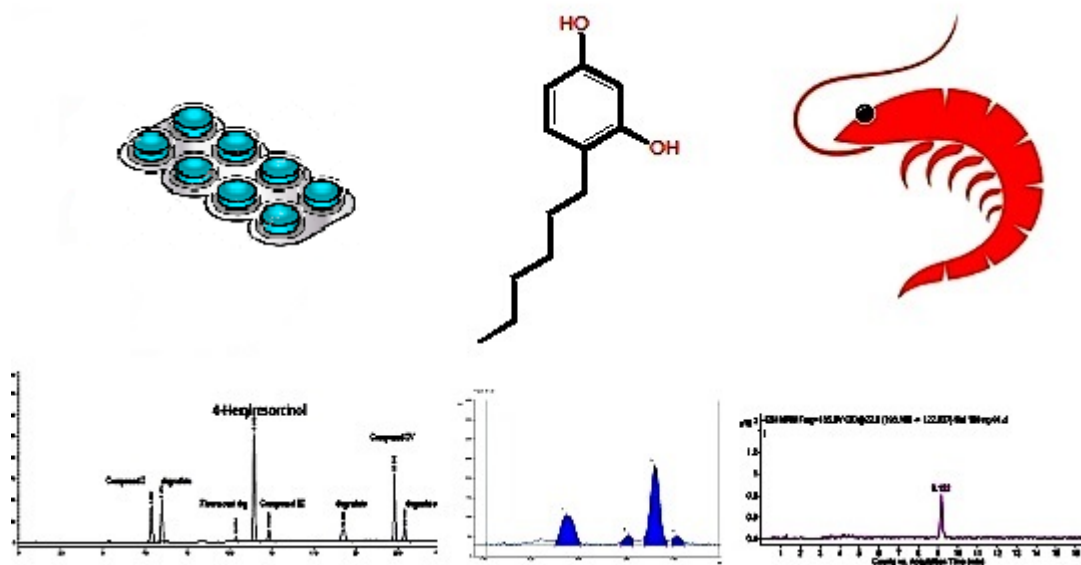
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### Graphical abstract



### Highlights

HPLC, UPLC-MS/MS and TLC-densitometric determination of 4-Hexylresorcinol in presence of degradation products.

Methods applied in pharmaceuticals and shrimps.

Impurities determined by HPLC.

Degradation mechanism studied and identified by LC-MS/MS.

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