

论文

WB₈₅₂-β环糊精包合物的研究

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摘要:

关键词: WB₈₅₂ β-环糊精 包合物

A STUDY OF THE INCLUSION COMPLEX OF WB₈₅₂ WITH β-CYCLODEXTRIN

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Abstract:

The aim of this study was to increase the stability of WB₈₅₂ in aqueous solution by inclusion complex formation with β-cyclodextrin (β-CD). The stability of WB₈₅₂-β-CD in aqueous solution was determined. The hydrolysis rate of WB₈₅₂ alone. The solid inclusion compound of WB₈₅₂ with β-CD in 1: 3 molar ratio was prepared by the freeze-drying method. The formation of an inclusion compound with β-CD in solid state was confirmed by X-ray diffractometry, IR spectroscopy and differential thermal analysis (DTA).

Keywords: Inclusion compound WB₈₅₂, β- Cyclodextrin

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