

Abstract**HYDRATE OF DIMETHYLAMINOMICHELIOLOIDE FUMARATE AND
PREPARATION METHOD THEREFOR AND USE THEREOF**

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A hydrate of dimethylaminomicheliolide fumarate and a preparation method therefor and use thereof. The hydrate is a crystal form D, is high in crystallinity, smooth in particle surface, free of coalescence, high in bulk density and good in flowability, and has good stability and good reproducibility. The preparation method comprises: under a stirring action, adding
10 dimethylamine micheliolide and fumaric acid into a mixed solvent system having a constant temperature of 30°C-70°C for reaction crystallization; and filtering after the reaction is finished, and drying filtered solid at normal pressure to obtain the crystal form D of the dimethylaminomicheliolide fumarate. The preparation method is simple, the product yield is high, and the preparation method is applicable to later preparation of patent medicines and is
15 conducive to large-scale production.

(FIG. 2)