

ABSTRACT

ANTIBODY-DRUG CONJUGATE INTERMEDIATE COMPRISING SN38 AND PREPARATION METHOD THEREFOR

An antibody-drug conjugate intermediate comprising SN38 and a preparation method therefor. A water-soluble group PEG having biological activity is introduced into a linker structure, and structural modification is carried out on the PEG. The preparation method has simple steps and is cost-saving. The present invention is more environmentally friendly as no heavy metal ions are introduced into a reaction; moreover, compared to antibody-drug conjugate intermediates in which SN38 is a toxin in the existing technology, using the antibody-drug conjugate intermediate synthesized by said preparation method provides higher stability and efficacy.

(FIG. 2)