

The invention relates to a process for preparation of germanoevlitin. A process provides for dehydration of original oxides of germanium and bismuth, dry mixing thereof at stoichiometric ratio, homogenization, heating and two stage solid stage interaction. Stages of solid stage are performed continuously at the temperature of 730-810 °C during 3-7 hours till obtaining phase of sillenite and at 870-910°C during 12-24 hours till formation of phase germanoevlitin.