## Structures of Cocrystals of Peganole with 6-Brompeganole

Kambarali K. Turgunov, Akmal Tojiboev, Nuritdin Mukarramov, Bahodir Tashkhodjaev, Khusnuddin M. Shakhidoyatov, S. Yunusov Institute of Chemistry of Plant Substances, Tashkent, Uzbekistan. Email: kk turgunov@rambler.ru

The crystal structures of two polymorphic cocrystals (I, II) of peganole (1) with 6-brompeganole (2) have been determined. Both forms are in the monoclinic system with space group of P2(1)/n. Cell parameters of I are a=8.232(4), b=11.768(8), c=10.156(6)Å,  $\beta=98.12(4)^{\circ}$ , V=974.0(10) Å<sup>3</sup> and II are a=7.995(6), b=15.501(8), c=8.816(6),  $\beta=112.25(5)^{\circ}$ , V=1011.2(11)Å<sup>3</sup>.

It is interesting to note that asymmetric unit of cell in both case consist of one molecule where this molecule at the same time can be 1 or 2. Site occupation factors of molecules 1 and 2 are  $\sim$ 0.7 and  $\sim$ 0.3 (in I) and  $\sim$ 0.3 and  $\sim$ 0.7 (in II) respectively.

As well, tests on composition of single crystals by High-Performance Thin-Layer Chromatography (CAMAG, Switzerland) confirms the X-ray results.



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