Production of Indigo and its derivatives by *Pseudomonas* sp. BCNU106

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*Pseudomonas* sp. strain BCNU 106 isolated from waste water is excellent indigo producer under organic solvent. It has been reported that strain ST-550 was selected as the most potent producer of indigo and the indole tolerance level of ST-550 was 0.4mg/ml. However the minimum inhibitory concentration of indole was 1.0 mg/ml for BCNU106. Furthermore, BCNU106 has tolerance to more concentration of indole than 200mg/ml in appropriate two-phase system. We investigated conversion of indole in various condition using by *Pseudomonas* sp. BCNU106 and indigo and its derivatives were identified by Mass spectrometry. Conversion efficiency of indigo and its derivatives was also measured quantitatively by HPLC

References

