

Technology for Licensing/Scale-up & Validation/ Joint Co-Development

Imidazopyridine and Benzoimidazothiazole Based Azo Dyes

Textile waste is the third largest source of Municipal solid waste and is a contributor to major environmental distress. Textile industries generate a huge amount of waste effluent and face difficulties to dispose of it. The present dyeing process is organic solvent based does not generate waste effluent.

CSIR-CSMCRI is looking for partners for scale-up studies. Lab-scale synthesis of azo-dyes and effluent-free process of dyeing fabrics will be demonstrated. Interested industry partners can connect to us.

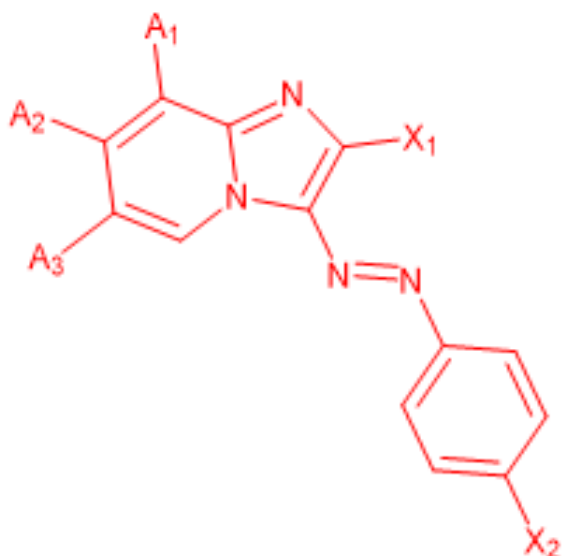
ORANGE

EASY & ECO-FRIENDLY PROCESS

DYEING AT AMBIENT CONDITIONS

Technology Readiness Level
4

PATENT Indian Application
Number 201911002610



RED

MINIMISED WASTE EFFLUENT GENERATION

90% YIELD BY SYNTHETIC ROUTES

YELLOW

ZERO METAL/BASES USE