

# Crystal Structure and Optical Properties of 4-[4-(Dimethylamino)-styryl]-1-methyl-pyridinium Lead Tribromide

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The title compound crystallizes in the centrosymmetric space group  $I2/a$ . When pumped by 458 and 1064 nm laser radiation the compound gives rise to a broad luminescence band at *ca.* 668 and 671 nm, respectively.

*Key words:* Metal Halides, Organic-Inorganic Hybrids,  
Optical Properties