

# Preparation and Characterization of 4-[4-(Dimethylamino)styryl]-1-methylpyridinium Lead Triiodide and its Tribromide Analog

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Z. Naturforsch. **56b**, 213–214 (2001);  
received November 21, 2000

Organic-Inorganic Hybrids, Low-Dimensional  
Semiconductors, Optical Properties

Using 4-[4-(dimethylamino)styryl]-1-methylpyridinium iodide, lead iodide, tetrabutylammonium bromide and lead bromide as starting materials, the title compounds were prepared and characterized analytically and spectroscopically.