

Crystal structure of the sulfonium salts of natural azulenes

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Abstract

The molecular and crystal structure of dimethyl-(1,4-dimethyl-7-ethylazulyl)-sulfonium perchlorate and dimethyl-(1,4-dimethyl-7-isopropylazulyl)-sulfonium perchlorate was determined by X-ray diffraction analysis. Their crystal structure is mainly determined by C-H... π intermolecular interactions. © 2008 Pleiades Publishing, Ltd.

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Keywords

C-H... π interactions, Chamazulene, Guaiazulene, Sulfonium salts, X-ray diffraction analysis