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Product Specifications

Catalogue Number	42425
Product	Imperatorin 8-(3-Methyl-2-butenyloxy)psoralen 8-Prenyloxypsoralen
CAS Number	482-44-0
Molecular Formula	C ₁₆ H ₁₄ O ₄
Molecular Weight	270.28
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Warnings	<i>Heat sensitive!</i>
Synonym 3	Marmelosin
Synonym 4	9-[(3-Methyl-2-buten-1-yl)oxy]-7H-furo[3,2-g]chromen-7-one
Appearance	Solid
Solubility	Soluble in benzene, ether, acetone, alcohol. Very soluble in chloroform. Insoluble in water
Melting Point	97 - 101 °C
Purity by HPLC	≥ 98%
Storage	Store at ≤ -4 °C
Additional Information	$\lambda_{\max} = 301(\text{MeOH}) \text{ nm}$

For Laboratory Use Only