

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	42314
Product	Isoorientin Homooorientin Luteolin 6-C- β -D-glucoside
CAS Number	4261-42-1
Molecular Formula	C ₂₁ H ₂₀ O ₁₁
Molecular Weight	448.38

Warnings	<i>Heat sensitive!</i>
Appearance	Light yellow, yellow or orange crystalline powder
Melting Point	235 °C (dec.)
Elemental Analysis (Found)	C= 53.40 - 57.40%
Water Content (Karl Fisher)	≤ 5%
Optical Rotation	$\alpha^{20}_{\text{D}} = 30.1^{\circ}$ (C=0.6 in MeOH)
¹³C NMR	Coforms to structure
¹H NMR	Coforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 2 - 8 °C
Additional Information	$\lambda_{\text{max}} = 348(\text{MeOH}) \text{ nm}$

For Laboratory Use Only