

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

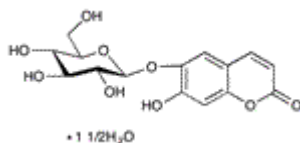
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	32261
Product	Esculin sesquihydrate 7-Hydroxycoumarin-6-yl β-D-glucopyranoside sesquihydrate
CAS Number	66778-17-4
Molecular Formula	C ₁₅ H ₁₆ O ₉ · 1.5H ₂ O
Molecular Weight	367.3

Appearance	White to light yellow powder
Solubility	Almost transparent in hot water
Melting Point	206 °C
Water Content (Karl Fisher)	6.5 - 8.5%
Optical Rotation	$\alpha_{D}^{20} = -88$ to -84° (C=2.4 in Dioxane(50%))(calcd.on anh.substance)
Assay by titration	$\geq 98\%$ (calcd.on anh.substance)
Purity by HPLC	$\geq 98\%$
Storage	Store at RT

For Laboratory Use Only