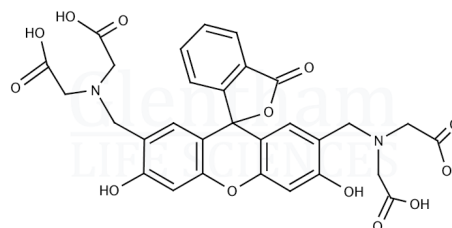


Product Specification

Product Name Calcein
Glentham Code GK2524
CAS Number 154071-48-4
EINECS 215-957-1
MDL Number MFCD00005049
PubChem SID 310269198
Additional CAS 1461-15-0

Molecular Weight 622.53
Molecular Formula $C_{30}H_{26}N_2O_{13}$
Storage Temp. +20°C



Property	Specification
Physical Description	Yellow to orange or brown powder
Identification (IR)	To conform to standard
Solubility (0.1% in 0.1M NaOH)	Clear, orange to brown solution
Wavelength of Maximum Absorption (λ_{max})	490.0 - 500.0 nm
Absorptivity (1%/1cm)	≥ 800 (at λ_{max})
Loss on Drying	$\leq 10.0\%$
Suitability for Calcium Determination	To pass test
Suitability for EDTA titration of Ca in presence of Mg	To pass test

Specification Version - v1.1
Date Created - 2016-05-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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