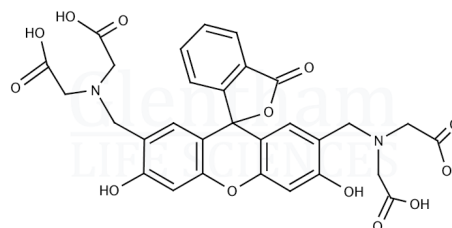


Product Specification

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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