

## Product Datasheet

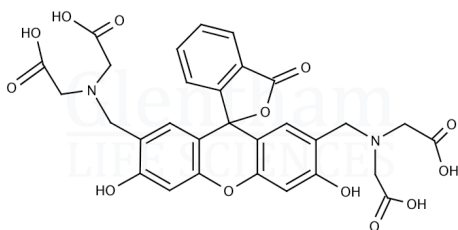
### GK2524 - Calcein

#### Product Details

|                    |                             |
|--------------------|-----------------------------|
| Product Name       | Calcein                     |
| Glenthams Code     | GK2524                      |
| CAS Number         | 154071-48-4                 |
| EINECS             | 215-957-1                   |
| MDL Number         | MFCD00005049                |
| PubChem SID        | 310269198                   |
| Additional CAS     | 1461-15-0                   |
| Related Categories | Biochemicals, Dyes & Stains |

#### Structure

Molecular Weight : 622.53  
Molecular Formula :  $C_{30}H_{26}N_2O_{13}$



|  |                                    |
|--|------------------------------------|
| 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 ( $\lambda_{max}$ )   | : 490.0 - 500.0 nm                 |
| Absorptivity (1%/1cm)                                  | : $\geq 800$ (at $\lambda_{max}$ ) |
| 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                     |
| Version  | : v1.1                             |

#### About Calcein

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025