# SPECIFICATION

## Fluoroscein Diacetate Powder

| Parameters | Specification |
|---|---|
| Appearance | Powder, yellow-to-orange |
| Molecular Weight | 418.38 g/mol |
| Boiling Point | 520 °C |
| Melting Point | 190 °C |
| Flash Point | 200 °C |
| Purity | 98–99% |
| Refractive Index | 1.58 |
| Solubility | Soluble in DMSO and ethanol; practically insoluble in water |
| Uses | Fluoroscein diacetate is used as a cell-permeant fluorogenic dye that is hydrolyzed by cellular esterases to fluorescein, ebling fluorescence-based assays and imaging. |