

Product Name: Fluo-3  
Cat. No.: GD13104

Cas. No. 123632-39-3

Formula C36H30Cl2N2O13

M.Wt 769.535

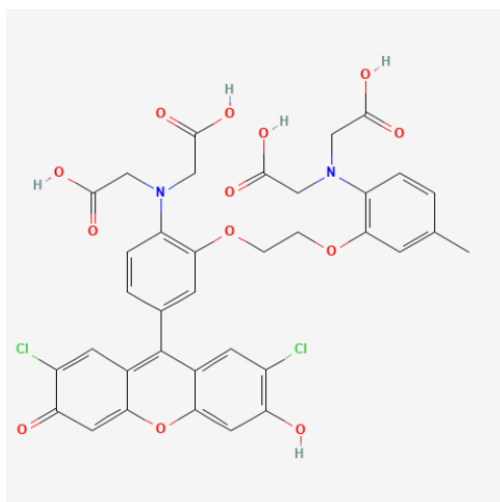
## Solubility

Storage -20°C

|              |                                                                                                                                                                                 |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General tips | For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months. |
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| Shipping Condition | Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request. |
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## Structure



Fluo-3 and related molecule Fluo3/AM are used as a fluorescence indicator of intracellular calcium ( $\text{Ca}^{2+}$ ). Fluo-3 may be use for flow cytometry and confocal laser scanning microscopy using visible light excitation (compatible with argon laser sources operating at 488 nm). Fluorescence intensity increases about 40-fold after calcium binding.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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