

Product Data Sheet

Product Name: ICR-1 AM

Cat. No.: GC52465

Chemical Properties

Cas. No.

Formula

M.Wt 0

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.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

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

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ICR-1 AM is a cell-permeable fluorescent calcium indicator that can be used to label cells and tissue in single- or double-labeling protocols. It binds to calcium ($K_d = 480$ nM) and does not accumulate in the mitochondria. It displays excitation/emission maxima of 580/660 nm, respectively. ICR-1 is also available in a cell-impermeable form .

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