

Product Data Sheet

Product Name: ICR-1 (potassium salt)

Cat. No.: GC52466

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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Address: 10292 Central Ave. #205, Montclair, CA, USA

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ICR-1 is a cell-impermeable fluorescent calcium indicator. It binds to calcium ($K_d = 480$ nM) and displays excitation/emission maxima of 580/660 nm, respectively. ICR-1 can be used in lipid membrane-free systems or liposomes or can be introduced into cells by electroporation, microinjection, or other methods. ICR-1 is also available in a cell-permeable form .

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