

Compound N094-0010 Biochemical | N094-0010 biochemical

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CATALOG #
AAA226589

PRODUCT SYNONYMS

Compound N094-0010; N094-0010 biochemical

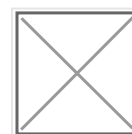
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Fura-FF (potassium salt), CAS 192140-58-2



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ADDITIONAL INFORMATION

References

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1. Reference:|Hyrz, K.L., Bownik, J.M., and Goldberg, M.P. Ionic selectivity of low-affinity ratiometric calcium indicators: mag-Fura-2, Fura-2FF and BTC. Cell Calcium 27(2), 75-86 (2000).|Gryniewicz, G., Poenie, M., and Tsien, R.Y. A new generation of Ca²⁺ indicators with greatly improved fluorescence properties. J. Biol. Chem. 260(6), 3440-3450 (1985).|Ruggiu, A.A., Bannwarth, M., and Johnsson, K. Fura-2FF-based calcium indicator for protein labeling. Org. Biomol. Chem. 8(15), 3398-3401 (2010).|Aponte, Y., Bischofberger, J., and Jonas, P. Efficient Ca²⁺ buffering in fast-spiking basket cells of rat hippocampus. J. Physiol. 586(8), 2061-2075 (2008).|Canepari, M., Vogt, K., and Zecevic, D. Combining voltage and calcium imaging from neuronal dendrites. Cell. Mol. Neurobiol. 28(8), 1079-1093 (2008).|Marcu, R., Neely, C.K., Karamanlidis, G., et al. Multi-parameter measurement of the permeability transition pore opening in isolated mouse heart mitochondria. J. Vis. Exp. 67, (2012).

NCBI AND UNIPROT INFORMATION

Molecular Weight	853.9
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/compound-n094-0010/226589>