

Product Information Sheet

Ordering Information

Product Number: 21263
Product Name: Metal Fluor[™] Zn-520, AM
Unit Size: 1 mg
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 721.62
Soluble in: DMSO
Excitation Wavelength: 492
Emission Wavelength: 514

Application Notes

Metal Fluor[™] Zn-520 is designed for detection of higher zinc ion concentrations that are present in synaptic vesicles and released in response to electrical stimulation or excitotoxic agonists (0.05–50 μ M) with minimal interfering calcium sensitivity. Metal Fluor[™] Zn-520 has shown great fluorescence enhancement upon binding zinc ion (>250 folds). This cell permeant AM-ester is useful for detecting intracellular cell-impermeant zinc ion indicator is useful for detecting intracellular zinc ion levels.