

Metal Fluor™ Zn-520, Potassium Salt

Catalog number: 21262

Unit size: 1 mg

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	607.69
Soluble In	Water

Spectral Properties

Excitation Wavelength	493 nm
Emission Wavelength	516 nm

Applications

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-impermeant zinc ion indicator is useful for detecting extracellular zinc ion.