Product Information Sheet

Ordering Information

Product Number: 20400
Product Name: Mag-Fluo-4 potassium salt
Unit Size: 10x50 µg
Storage Conditions: Freeze (<-15 °C), Desiccated, Avoid Light
Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Appearance: Solid
Molecular Weight: 681.77

Chemical Structure:

Soluble In: Water
Excitation Wavelength: 494
Emission Wavelength: 516

Application Notes

The cell-impermeant Mag-Fluo-4 is an analog of Fluo-4 with a Kd for Mg ion of 4.7 mM and a Kd for Ca ion of 22 µM, making it useful as an intracellular Mg ion indicator as well as a low-affinity Ca ion indicator.