

# FLUOFORTE®

## Reagent

### Calcium dye

Used in a homogeneous fluorescence-based assay for detecting intracellular calcium mobilization across a broad spectrum of biological targets. Fluorescent calcium indicator dye developed to improve cell loading and calcium response while maintaining the convenient Fluo-3, Fluo-4 and Calcium 4 spectral wavelength of maximum excitation at ~490 nm and maximum emission at ~520 nm. Relative to the cited dyes, FLUOFORTE® AM dye yields the brightest signal and largest assay window.

Citations: 24

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### Ordering Information

ENZ-52015	1mg
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### Manuals, SDS & CofA

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# Handling & Storage

<b>Handling</b>	Protect from light. Avoid freeze/thaw cycles.
<b>Short Term Storage</b>	-20°C
<b>Long Term Storage</b>	-80°C
<b>Shipping</b>	Dry Ice

## Regulatory Status

RUO - Research Use Only

## Product Details

<b>Appearance</b>	Red solid.
<b>Application</b>	Flow Cytometry, Fluorescence microscopy, Fluorescent detection, HTS
<b>Application Notes</b>	Provides a homogeneous fluorescence-based assay for detecting intracellular calcium mobilization across a broad spectrum of biological targets
<b>Purity</b>	≥95% (HPLC)
<b>Solubility</b>	Soluble in DMSO.
<b>Technical Info / Product Notes</b>	The FLUOFORTE® Reagent is a member of the CELLESTIAL® product line, reagents and assay kits comprising fluorescent molecular probes that have been extensively benchmarked for live cell analysis applications. CELLESTIAL® reagents and kits are optimal for use in demanding imaging applications, such as confocal microscopy, flow cytometry and HCS, where consistency and reproducibility are required.

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