Zinquin free acid (ultra pure)

Zinc dye

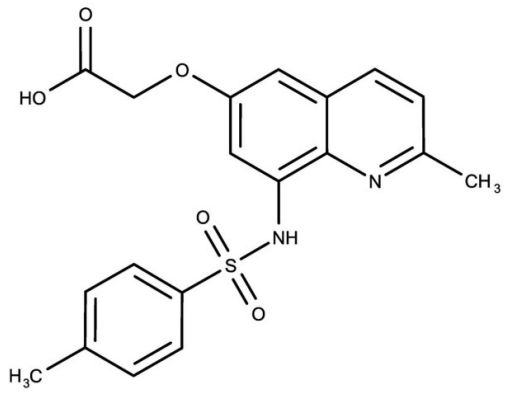
Zinquin free acid is a lipophilic, zinc-sensitive, fluorescent dye. It is selective for Zn (II) in the presence of physiological concentrations of Ca (II) and Mg (II) ions. Fluorescence of Zinquin free acid is enhanced upon binding Zn (II), but the probe does not demonstrate a shift or change in emission wavelength. The probe is UV-excitable and emits in the blue region of the spectrum. Wavelength Maxima: Excitation 368nm, Emission 490nm

Citations: 2 View Online »

Ordering Information Order Online »

ENZ-52152	5mg

Manuals, SDS & CofA View Online »


O
HO
O
N
CH3
O
NH
S
O
H3C

Handling & Storage

Use/Stability	Stable for at least one year after receipt when stored as recommended.
Handling	Protect from light. Keep cool and dry.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

CAS	151606-29-0
Formula	$C_{19}H_{18}N_2O_5S$
MW	386.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO.
Technical Info / Product Notes	This product 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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