Hydroxystilbamidine (ultra pure)

Neuronal detection

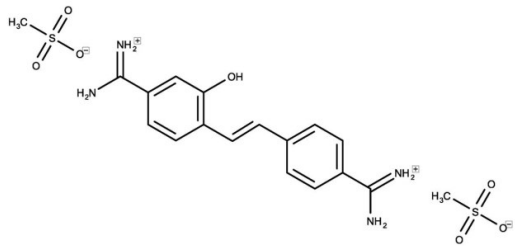
Hydroxystilbamidine is a cationic dye, equivalent to Fluoro- Gold™, which is frequently used as a retrograde neuronal tracer. The fluorescent tracer provides intense retrograde labeling that is extremely sensitive and reliable, does not diffuse out of retrograde-labeled neurons, and can be pressure-injected or introduced by iontophoresis into cells. Hydroxystilbamidine is compatible with most frequently used neuroanatomical techniques such as immunofluorescence, immunocytochemistry, autoradiography, and horseradish peroxidase-based histochemistry, paraffin embedding. Wavelength Maxima: Excitation 385nm, Emission 536nm

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Ordering Information Order Online »

ENZ-52253	10mg

Manuals, SDS & CofA View Online »


H3C
S
O
O
O
NH2
H2N
OH
NH2
NH2
H3C
S
O
O
O

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

Alternative Name	4-[(E)-2-(4-Carbamimidoylphenyl)ethenyl]-3-hydroxybenzenecarboximidamide
CAS	223769-64-0 (methanesulfonate salt)
Formula	$C_{18}H_{24}N_4O_7S_2$
MW	472.5
Purity	≥95% (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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