
Product Specifications

HCQFluo AD538

<https://proimaging.fr/home/43-hcqfluo-ad538-0201104.html>

Product information

Product Name: HCQFluo AD538

Product Reference: DJ407

Unit Size: 1mg

Shipping Conditions: Room temperature for up to 3 weeks

Storage Conditions: Store 18 months at -20°C and protect from light

Molecular Weight: ~ 760

Max Absorption: 520 nm

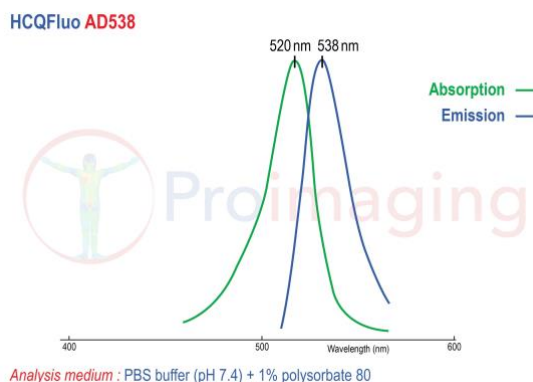
Max Emission: 538 nm

Solubility:

PBS Buffer (pH 7.4) + 1% polysorbate 80

DMSO

Water



Product description

HCQFluo AD538 is a fluorescent conjugate molecule specifically designed to facilitate the study of Nurr1 expression through fluorescence microscopy.

Nurr1, part of the NR4A nuclear receptor family, plays a key role in the progression of Parkinson's disease (PD). Its gene expression is notably reduced in PD, making it a valuable therapeutic target in the search for new treatments. Activation of the Nurr1 receptor provides neuroprotective effects, including the reduction of inflammation, restoration of autophagy, and protection of neurons.

Hydroxychloroquine (HCQ), a specific marker of Nurr1, forms the basis of HCQFluo AD538, offering researchers a precise tool to advance therapeutic research in Parkinson's disease and other neurodegenerative conditions.

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