

Rhodamine 110

Cat. No. DYE-182 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Rhodamine 110 chloride is a fluorophore standard that is widely used in enzyme assay systems. Rhodamine 110 (R110) is the precursor for a variety of R110-based enzyme substrates. It is also used as a calibration standard for R110-based enzyme substrates. Compared to AMC and AFC enzyme substrates, fluorogenic R110 substrates are generally more sensitive, giving longer absorption and fluorescence wavelength than AMC and AFC substrates.

CAS number 13558-31-1

Molecular Mass 366.8

Formula C₂₀H₁₄N₂O₃ · HCl

Ex(nm) 498

Em(nm) 520

Solvent DMSO

Storage Store at -20°C in the dark. Dessicated.

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