Product Information Sheet

Ordering Information

Product Number: 17518
Product Name: Thiazole orange *UltraPure grade*
Unit Size: 100 mg
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 476.61
Chemical Structure:

Soluble in: DMSO
Excitation Wavelength: 512 nm
Emission Wavelength: 533 nm

Application Notes

Thiazole orange is a fluorescent DNA-binding dye for reticulocyte analysis. It is also useful for Plasmodium species analysis. The modified thiazole orange derivatives (such as SYBR Green, PicoGreen, TOTO and YOYO) are widely used for detecting DNA samples.