

Product Data Sheet

Product Name: AF 594 azide

Cat. No.: GC71794

Chemical Properties

Cas. No.

Formula $C_{38}H_{39}KN_6O_{10}S_2$

M.Wt 842.98

Solubility

Storage Store at -20°C , protect from light

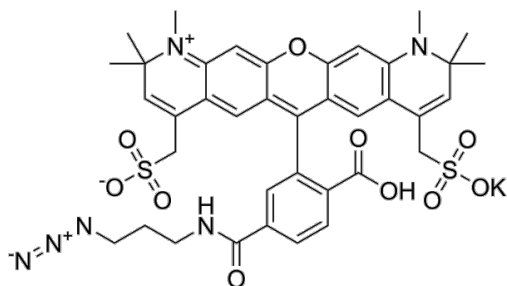
General tips

For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition

Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

AF 594 azide is an azide derivative of the red fluorescent dye AF 594, which has high fluorescence quantum yield and high photostability (maximum absorption wavelength of 586 nm, maximum emission wavelength of 613 nm). AF 594 azide forms stable adducts by reaction of the azide group with alkynyl derivatives (terminal alkynes and cyclooctyne).

Caution: Product has not been fully validated for medical applications. For research use only.

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