

Product Data Sheet

Product Name: Methylene blue maleimide

Cat. No.: GC80345

Chemical Properties

Cas. No.

Formula $C_{26}H_{26}F_3N_5O_5S$

M.Wt 577.58

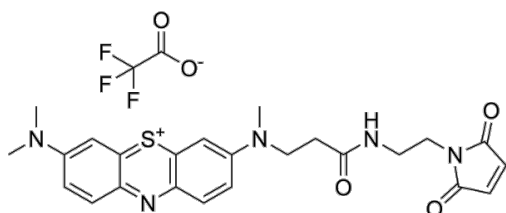
Solubility

Storage Store at -20°C

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

Methylene blue maleimide is a derivative of a thiazine dye featuring a reactive maleimide group, used for conjugation and labeling via sulfhydryl groups. It is suitable for labeling proteins or peptides containing sulfhydryl groups (Ex/Em = 664/682 nm).

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

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