

Product Data Sheet

Product Name: TAMRA hydrazide, 6-isomer

Cat. No.: GC59070

Chemical Properties

Cas. No. 2183440-67-5

Formula $C_{25}H_{25}N_4ClO_4$

M.Wt 480.94

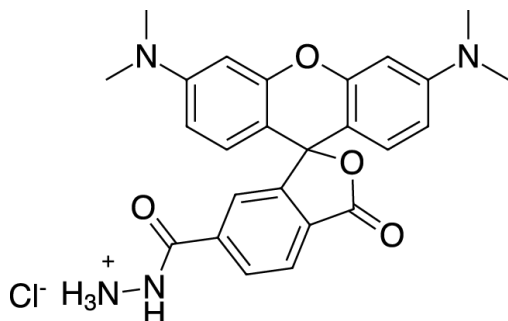
Solubility good in DMF, DMSO, alcohols

Storage Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

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

Dye hydrazides are useful for the labeling of carbonyl compounds like aldehydes and ketones. Many sugars can be converted to carbonyl compounds by periodate oxidation.

Tetramethylrhodamine (TAMRA) is a xanthene fluorophore. This derivative is a pure 5-isomer of TAMRA bearing hydrazide group for the coupling with carbonyl compounds.

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

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