

Product Data Sheet

Product Name: FAM amine, 6-isomer

Cat. No.: GC59081

Chemical Properties

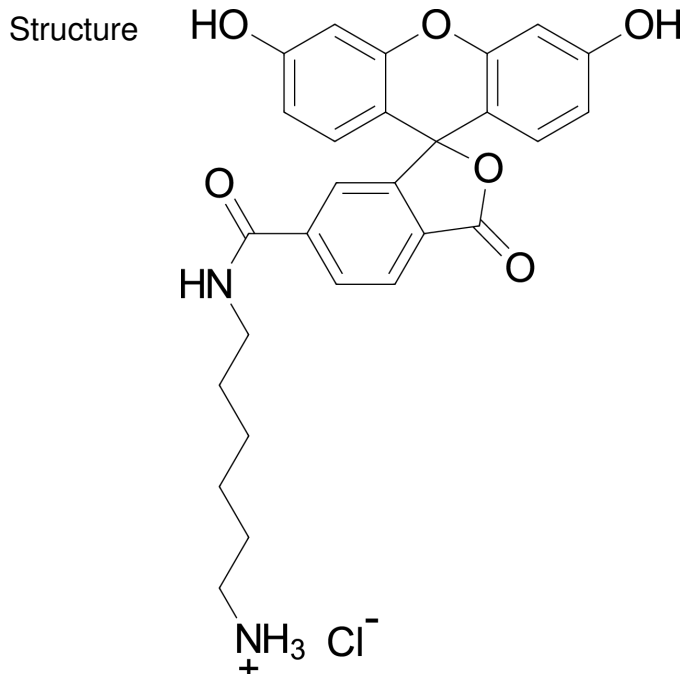
Cas. No. 2183440-42-6 (hydrochloride), 1313393-44-0

Formula $C_{27}H_{27}N_2ClO_6$ M.Wt 510.97

Solubility good in methanol, DMSO, DMF 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 sizes: ship with RT, or blue ice upon request.



Background

Fluorescein derivative with amine group, contains pure 6-isomer of the fluorophore. This reagent can

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be used for the modification of biomolecules by enzymatic transamination. Its aliphatic amine groups also reacts with electrophiles (like activated esters). This amine can be also conjugated with carbonyl compounds (aldehydes and ketones) by means of reductive amination.

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