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**Product Data Sheet**

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Product Name: Fluorescein-6-isothiocyanate

Cat. No.: GC64503

**Chemical Properties**

Cas. No. 18861-78-4

Formula C<sub>21</sub>H<sub>11</sub>NO<sub>5</sub>S

M.Wt 389.38

Solubility DMSO : 250 mg/mL (642.05 mM; Need ultrasonic)

Storage 4°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**

Fluorescein-6-isothiocyanate is a fluorescent isomeric haptenic probes with K<sub>d</sub>s of 8.74, 2.72 and 1.88 for N-Acetyl-L-Lysine, normal mouse IgG and 4-4-20, respectively[1].

[1]. Swindlehurst CA, et al. Fluorescence measurements of immune complexes of Mab 4-4-20 with isomeric haptens. Biophys J. 1991 Mar;59(3):619-28.

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

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