

Product Data Sheet

Product Name: ZY-2
Cat. No.: GC74211

Chemical Properties

Cas. No.

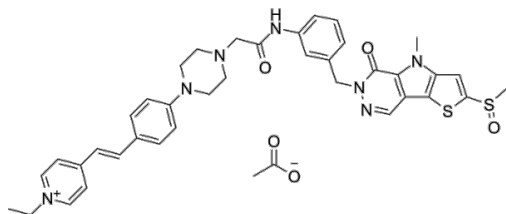
Formula $C_{40}H_{43}N_7O_5S_2$ M.Wt 765.94

Solubility DMSO : 100 mg/mL (130.56 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture and 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

ZY-2 is a specific fluorescent probe for pyruvate kinase M2 (PKM2). ZY-2 can image in PKM2-positive cells in a time- and concentration-dependent manner. ZY-2 can be used for the detection of cancer cells.

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

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References:

[1]. Zhang Y, et al. A responsive fluorescent probe for detecting and imaging pyruvate kinase M2 in live cells. Chem Commun (Camb). 2022, 58(45): 6494-6497.

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