

Product Data Sheet

Product Name: SiR-Maleimide

Cat. No.: GC74222

Chemical Properties

Cas. No. 2296718-56-2

Formula $C_{33}H_{34}N_4O_5Si$

M.Wt 594.73

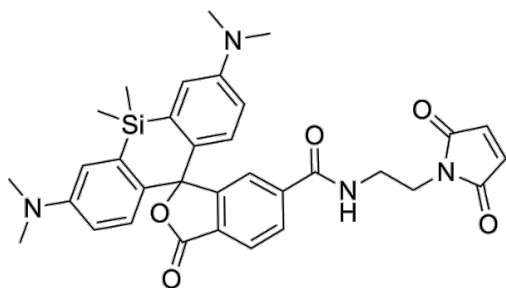
Solubility

Storage

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

SiR-Maleimide is a near-infrared fluorescent dye that is widely used in cell dyes, biological dyes, biomolecules and particle fluorescent labeling. Ex/Em = 652/674 nm

References:

[1]. Nora Guidotti, et al. Multivalent Peptide Ligands To Probe the Chromocenter Microenvironment in Living Cells. ACS Chem Biol. 2023 May 19;18(5):1066-1075.

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

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