



GenePharma

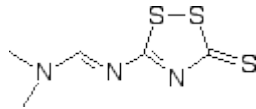
使用说明

Description: Sulfurizing Reagent II

Cat# 01-0006-XX

Formula: C₅H₇N₃S₃

M.W.: 205.31



Diluent: **40% pyridine/60% Acetonitrile** (fully dissolve in pyridine first)

先用吡啶完全溶解试剂，再加乙腈，如果不能完全溶解，可以考虑增加吡啶比例到 50%，或者温和加热（40 度）

Sulfurizing: **360 second sulfurization step time is recommended.** Sulfurization step must come before capping step to minimize phosphodiester formation. 推荐硫代时间，适当延长有好处，没有坏处，做 DNA 的话，Glen 推荐的最短时间 60s

Dissolve at a concentration of **1g/100mL to form an approximate 0.05M solution.** To prepare solutions of the desired concentration, we recommend first dissolving Sulfurizing Reagent II in the calculated amount of pyridine, which may require mild heat, followed by diluting the obtained solution with the required volume of acetonitrile.

Note: Oligos containing many G residues may require more aggressive sulfurizing conditions. A 0.1M solution of Sulfurizing Reagent II in pyridine with a sulfurizing time of 600 seconds may be required.

备注：这个硫代试剂，溶解后很稳定，能用很久，硫代的效率要比老一代的硫代试剂高一些。氨解条件正常，没有特别的地方。

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