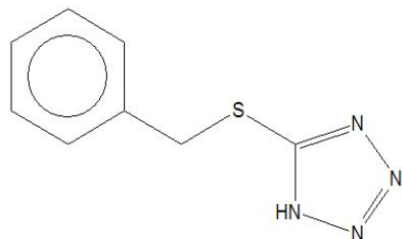


Benzylmercaptotetrazole



For your DNA / RNA Synthesis !!!



Benzylmercaptotetrazole (BMT, BTT) is a novel activator for use in chemical synthesis of either DNA or RNA. BMT has been shown to outperform ETT, DCI and Tetrazole with respect to coupling times, coupling efficiency, lower consumption of phosphoramidites and a lower appearance of n - 1 impurities for both DNA and RNA. For RNA, this allows the routine synthesis of longer oligonucleotides over 40 base pairs in length.

Being non-explosive, BMT is significantly safer than 1H-tetrazole. Furthermore, the coupling efficiencies using BMT are largely independent of the 2'-O-protected phosphoramidite monomer used in RNA synthesis and can be used with TBDMS, O-Methyl, TOM® or ACE®.

Hyacinth BMT Solution

- **Hyacinth BMT Solution, 2.5 L, 0.20 Molar**

5-Benzylmercaptotetrazole in anhydrous acetonitrile, 0.20 Molar solution, 2.5 Liter, G45 thread, Water Content: Less than 25 ppm

- **Hyacinth BMT Solution, 2.5 L, 0.25 Molar**

5-Benzylmercaptotetrazole in anhydrous acetonitrile, 0.25 Molar solution, 2.5 Liter, G45 thread, Water Content: Less than 25 ppm

- **Hyacinth BMT Solution, 2.5 L, 0.30 Molar**

5-Benzylmercaptotetrazole in anhydrous acetonitrile, 0.30 Molar solution, 2.5 Liter, G45 thread, Water Content: Less than 25 ppm

- **Hyacinth BMT Solution, 450 mL, 0.20 Molar**

5-Benzylmercaptotetrazole in anhydrous acetonitrile, 0.20 Molar solution, 0.45 Liter, 28-400 thread, Water Content: Less than 25 ppm

- **Hyacinth BMT Solution, 450 mL, 0.25 Molar**

5-Benzylmercaptotetrazole in anhydrous acetonitrile, 0.25 Molar solution 0.45 Liter, 28-400 thread, Water Content: Less than 25 ppm

- **Hyacinth BMT Solution, 450 mL, 0.30 Molar**

5-Benzylmercaptotetrazole in anhydrous acetonitrile, 0.30 Molar solution, 0.45 Liter, 28-400 thread, Water Content: Less than 25 ppm

Hyacinth BMT Crystalline BMT, Crystalline

"Hyacinth" 5-Benzylmercaptotetrazole (BMT), highly pure, synthesis-grade activator for high-yield chemical synthesis of oligonucleotides. Also known as benzylthio-tetrazole (BTT). Water content: less than 75 ppm.