

# Tebol 99

Tertiary Butyl Alcohol  
Synthesis Agent



## General

*Tebol 99* tertiary butyl alcohol can serve as a reagent for the synthesis of specialty chemicals including pharmaceuticals, agrichemicals and fragrances. *Tebol 99* is capable of alkylating both aromatic compounds and nitrogen derivatives under relatively mild (acidic) conditions. Preparation of tertiary butyl esters can also be achieved using *Tebol 99*.

## Applications

### Alkylation of Aromatic Rings

- Preparation of chromogenic fluran derivatives as dyes (Eur. Appl. 207,635; 1987)
- Synthesis of antioxidants for food oils (Japan 62 81,338; 1987) and polymers (Japan 62 45,658; 1987)
- Synthesis of cyclooxygenase and lipoxygenase inhibitors (Eur. Appl. 399,773; 1990)

### Alkylation of Nitrogen

- Preparation of antimalarial intermediates (German 3,605,423; 1987)

### Esterification

- Synthesis of benzoate esters as specialty intermediates (Japan 63,267,745; 1988)
- Synthesis of malonate diesters as specialty intermediates (Japan 62, 39,544; 1987)
- Preparation of aminopeptidase inhibitors (US 4,720,585; 1988)

### Peptide Synthesis

- Synthesis of phosphorylating reagents for nucleosides (Japan 60,120,890; 1985)
- Preparation of asymmetric carbonate intermediates (East German 217,215; 1985)
- Preparation of arbonates as amino protecting groups (Japan 02,157,261; 1990)

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