

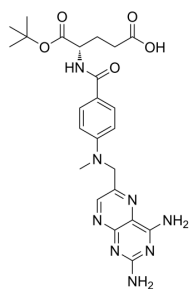
## Methotrexate $\alpha$ -tert-butyl ester

Cat. No.: HY-133887  
 CAS No.: 79640-70-3  
 Batch No.: 253925  
 Chemical Name: L-Glutamic acid, N-[4-[[[(2,4-diamino-6-pteridiny)l)methyl]methylamino]benzoyl]-, 1-(1,1-dimethylethyl) ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{24}H_{30}N_8O_5$   
 Molecular Weight: 510.55  
 Storage: Powder -20°C 3 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
 Purity:  $\geq 96.0\%$   
 Conclusion: The product has been tested and complies with the given specifications.

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

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