

**3'-[3-(3-Azido-2,3-dideoxy-beta-D-erythro-pentofuranosyl)-3,6-dihydro-5-methyl-2,6-dioxo-1(2H)-pyrimidinyl]-3'-deoxy-thymidine**

Art. ID TRC-A825005-1MG  
Unit 1 mg  
Deliverydetails No Dangerous Good /not restricted

Description

Category: Pharmaceuticals, Intermediates and Fine Chemicals, Nucleotides, Bases and Related Reagents, ///

Appearance: Off-White Solid /// Application Notes:

3'-[3-(3-Azido-2,3-dideoxy-beta-D-erythro-pentofuranosyl)-3,6-dihydro-5-methyl-2,6-dioxo-1(2H)-pyrimidinyl]-3'-deoxy-thymidine (Zidovudine USP Related Compound G) is used in the biological studies and in the preparation of N-3-substituted thymidine nucleosides as virucides as it has anti-HIV activity. /// References: Adams, D.R., et al.: J. Med. Chem., 40, 1550 (1997), Mainardes, R., et al.: J. Pharm. Sci., 98, 257 (2009)

| Text/Information | Analyte/Parameter                                                                                                              | CAS number    | Concentration/Value | Unit | Method | Source |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------|------|--------|--------|
|                  | 3'-[3-(3-Azido-2,3-dideoxy-beta-D-erythro-pentofuranosyl)-3,6-dihydro-5-methyl-2,6-dioxo-1(2H)-pyrimidinyl]-3'-deoxy-thymidine | [148665-49-0] |                     |      |        |        |