

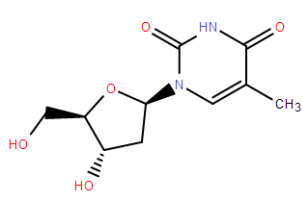
Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DCZ-126
Name	Thymidine

Tel: +86-21-58447131
Fax: +86-21-61642470

Email:
sales@dcchemicals.com
order@dcchemicals.com

Chemical Properties

CAS	50-89-5
Formula	C ₁₀ H ₁₄ N ₂ O ₅
MW	242.23
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The image shows the chemical structure of Thymidine, a nucleoside. It consists of a pyrimidine ring (thymine) attached to a ribose sugar. The thymine ring has a methyl group (CH₃) at the 5-position and a carbonyl group (C=O) at the 4-position. The ribose sugar has hydroxyl groups (OH) at the 2' and 3' positions. The structure is shown in a 3D perspective with wedged and dashed bonds to indicate stereochemistry.</p>
Purity	>98%

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