

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

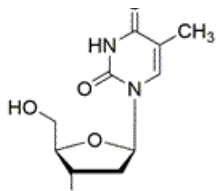
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	33055
<b>Product</b>	<b>Thymidine</b> 2'-Deoxythymidine
	1-(2-Deoxy-β-D-ribofuranosyl)-5-methyluracil
<b>CAS Number</b>	50-89-5
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	242.23

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<b>Appearance</b>	White to almost white crystalline powder
<b>Melting Point</b>	185 - 190 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +17.5 to +18.5 °(C=3 in water)
<b>Purity by HPLC</b>	≥ 99%
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**