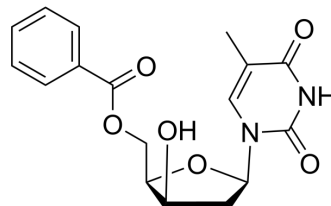


## 5'-O-Benzoylthymidine

Cat. No.:	HY-154719
CAS No.:	65475-51-6
Molecular Formula:	C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	346.33
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

5'-O-Benzoylthymidine is a thymidine analog. Analogs of this series have insertional activity towards replicated DNA. They can be used to label cells and track DNA synthesis<sup>[1]</sup>.

### REFERENCES

[1]. Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. *Molecules*. 2011 Sep 15;16(9):7980-93.

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

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