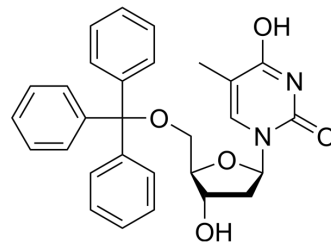


5'-O-Tritylthymidine

Cat. No.:	HY-W008907
CAS No.:	7791-71-1
Molecular Formula:	C ₂₉ H ₂₈ N ₂ O ₅
Molecular Weight:	484.54
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5'-O-Tritylthymidine is an inhibitor of TK-2 and inhibits angiogenesis^[1]. 5'-O-Tritylthymidine targets FAK-Mdm-2 interactions, decreasing cell viability and increasing apoptosis.

REFERENCES

- [1]. Hernández A et al. Acyclic nucleoside analogues as novel inhibitors of human mitochondrial thymidine kinase. *J Med Chem.* 2002 Sep 12;45(19):4254-63.
- [2]. Golubovskaya V et al. A small-molecule inhibitor, 5'-O-tritylthymidine, targets FAK and Mdm-2 interaction, and blocks breast and colon tumorigenesis in vivo. *Anticancer Agents Med Chem.* 2013 May;13(4):532-45.

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

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