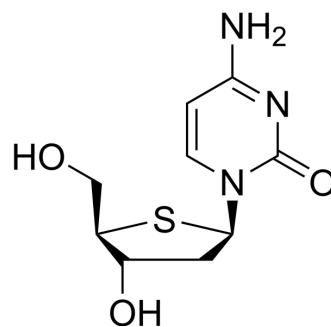


2'-Deoxy-4'-thiocytidine

Cat. No.:	HY-160084
CAS No.:	134111-30-1
Molecular Formula:	C ₉ H ₁₃ N ₃ O ₃ S
Molecular Weight:	243.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2'-Deoxy-4'-thiocytidine (T-dCyd) is a novel epigenetic agent. 2'-Deoxy-4'-thiocytidine administrations led to a significant p21 increase. 2'-Deoxy-4'-thiocytidine can eradicate of tumor cells in the double-mutant xenografts^[1].

REFERENCES

[1]. Sherry X Yang, et al. TET2 and DNMT3A mutations and exceptional response to 4'-thio-2'-deoxycytidine in human solid tumor models. *J Hematol Oncol.* 2021, 14, 1.

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

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