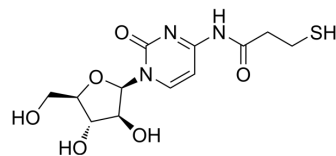


Ara-SH

Cat. No.:	HY-154971
Molecular Formula:	C ₁₂ H ₁₇ N ₃ O ₆ S
Molecular Weight:	331.34
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ara-SH is a Cytarabine mercaptopropionic acid-substituted derivative. Ara-SH is used as the trigger to fabricate a smart Cytarabine and Venetoclax-co-loaded nanoparticle (AV-NP) through self-assembly. Ara-SH exhibits remarkable synergistic antileukemia effects *in vitro* and *in vivo*^[1].

REFERENCES

[1]. Lejiao Jia, et al. Smart and Generalizable Cytarabine Derivative-Triggered Nanoparticles for Synergistic Therapy of Relapsed/Refractory Acute Myeloid Leukemia. *ACS Appl Mater Interfaces*. 2023 Jun 14;15(23):27624-27637.

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

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