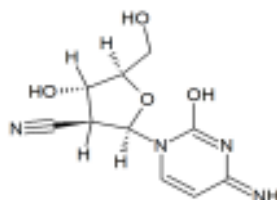


TAS-109

ALTERNATE NAME: TAS109
CNDAC
DFP-10917
(2R,3S,4S,5R)-2-(4-amino-2-oxopyrimidin-1-yl)-4-hydroxy-5-(hydroxymethyl)oxolane-3-carbonitrile

CATALOG #: B3327-5 5 mg
B3327-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₂N₄O₄

MOLECULAR WEIGHT: 252.23

CAS NUMBER: 135598-68-4

APPEARANCE: Solid

PURITY: ≥98%

SOLUBILITY: DMSO

DESCRIPTION: TAS-109 is a novel deoxycytidine analog that inhibits DNA polymerase resulting in S-phase arrest, while prolonged exposure to TAS-109 at low concentration causes DNA fragmentation, G2/M phase arrest and apoptosis. TAS-109 displays activity in tumor xenografts resistant to other deoxycytidine analogs.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

PF-3758309 (B2634)
Ethylnylcytidine (B1266)
TRX818 (B1223)
AG-120 (Ivosidenib) (B1163)
Mitoxantrone (1885)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*