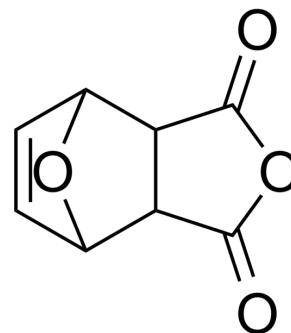


4,10-Dioxatri cyclo[5.2. 1.02.6]dec-8-ene-3,5-dione

| | |
|--------------------|--|
| Cat. No.: | HY-W102981 |
| CAS No.: | 5426-09-5 |
| Molecular Formula: | C ₈ H ₆ O ₄ |
| Molecular Weight: | 166.13 |
| Target: | Nucleoside Antimetabolite/Analog |
| Pathway: | Cell Cycle/DNA Damage |
| Storage: | -20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



BIOLOGICAL ACTIVITY

Description

4,10-Dioxatri cyclo[5.2. 1.02.6]dec-8-ene-3,5-dione is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis, etc^[1].

REFERENCES

[1]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. Curr Pharm Des. 2012;18(23):3373-88.

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

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