## **Product** Data Sheet

## 10-Deazaaminopterin

Cat. No.: HY-125647

CAS No.: 52454-37-2

Molecular Formula:  $C_{20}H_{21}N_{7}O_{5}$ Molecular Weight: 439.42

Target: Dihydrofolate reductase (DHFR)

Pathway: Metabolic Enzyme/Protease

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

## **BIOLOGICAL ACTIVITY**

Description

10-Deazaaminopterin is a potent inhibitor of dihydrofolate reductase. 10-Deazaaminopterin can used in study advanced cancer $^{[1]}$ .

## **REFERENCES**

[1]. Currie VE, et al. Phase I trial of 10-deaza-aminopterin in patients with advanced cancer. Cancer Treat Rep. 1983 Feb;67(2):149-54.

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