

# Pralatrexate

Catalog No: tcsc0504



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

146464-95-1

**Formula:**

$C_{23}H_{23}N_7O_5$

**Pathway:**

Cell Cycle/DNA Damage

**Target:**

Antifolate

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 50$  mg/mL (104.72 mM)

**Observed Molecular Weight:**

477.47

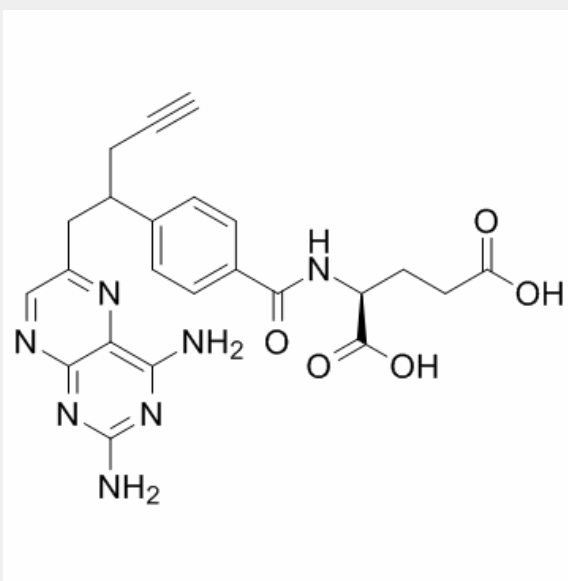
## Product Description

Pralatrexate(Folotyn) is an antifolate, and structurally a folate analog. Its IC50 is

IC50 Value:

Target: Antifolate

Pralatrexate is an antifolate (a folate analogue metabolic inhibitor) designed to accumulate preferentially in cancer cells. Based on preclinical studies, researchers believe that Pralatrexate selectively enters cells expressing reduced folate carrier type 1 (RFC-1), a protein that is overexpressed on certain cancer cells compared to normal cells.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!