

Product Name	: Aminopterin
Synonyms	: 4-Aminofolic acid;APGA
Cat No.	: M21051
CAS Number	: 54-62-6
Molecular Formula	: C ₁₉ H ₂₀ N ₈ O ₅
Formula Weight	: 440.41
Chemical Name	: —
Description	: Aminopterin is a synthetic folic acid derivative whose metabolite is a competitive inhibitor of dihydrofolate reductase.
Pathway	: Cell Cycle/DNA Damage
Target	: Antifolate
Receptor	: Antifolate
Solubility	: —
SMILES	: <chem>Nc1nc(N)c2nc(CNc3ccc(C(=O)N[C@@H](CCC(=O)O)C(=O)O)cc3)cnc2n1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

I.Cole P. D. Phase II Trial of Oral Aminopterin for Adults and Children with Refractory Acute Leukemia[J]. Clinical Cancer Research 2005 11(22):8089-8096.