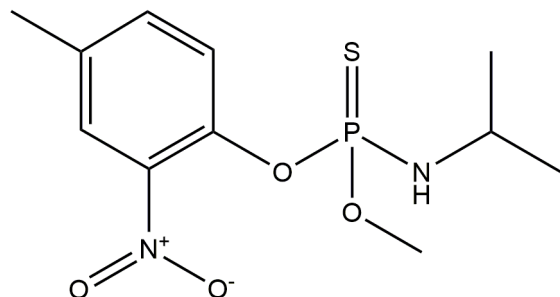




Product Information Sheet



A1251 Amiprofos methyl

Synonym: O-Methyl O-(2-nitro-p-tolyl) N-isopropylphosphoramidothionate, AMP, APM
CAS: 36001-88-4
Formula: C₁₁H₁₇N₂O₄PS
Molecular Wt: 304.30 g/mol

Properties:

Form: Solid
Appearance: Powder
Application: Plant Tissue Culture
Solubility: DMSO
Storage Temp: 2-8°C

Application Notes:

Plant Tissue Culture Tested

Amiprofos-methyl (AMP) is a chromosome doubling agent which can also act as an herbicide. It can be used as an alternative to colchicine. Its mode of action works similar to colchicine in that it inhibits microtubule polymerization (Falconer and Seagull, 1987).

References:

Falconer MM, and RW Seagull (1987) Amiprofos-methyl (APM): A rapid, reversible, anti-microtubule agent for plant cell cultures. Vol. 136(2-3):118-124.