

Propargite

Common name: propargite

IUPAC name: 2-(4-*tert*-butylphenoxy)cyclohexyl prop-2-ynyl sulfite

Chemical Abstracts name: 2-[4-(1,1-dimethylethyl)phenoxy]cyclohexyl 2-propynyl sulfite

Molecular weight: 350.5

Molecular formula: C₁₉H₂₆O₄S

Formulation: 73% EC

Applications

Biochemistry

Inhibits mitochondrial ATPase, which results in interruption of normal mite metabolism and respiration.

Mode of action

Non-systemic acaricide with predominantly contact action; some additional action by inhalation.

Uses

Control of phytophagous mites(particularly motile stages)on a variety of crops, including vines, fruit trees, hops, nuts, tomatoes, vegetables, ornamentals, cotton, maize, peanuts, and sorghum.

Applied at 243-365mg/kg.

73%EC characteristics:

Item	Index
Appearance	Even liquid
Content, %	≥73
Water, %	≤0.4
PH value	5.0-8.0

Storage and transportation:

Put in a ventilated and dry place. Keep away from food, seed and feed. Do not touch eyes, skin and be absorbed by mouth and nose..