Product Name: Colchicine
Product Number: C093
CAS Number: 64-86-8
Molecular Formula: C22H25NO6
Molecular Weight: 399.44
Form: Powder
Appearance: Light Yellow Powder
Water Content (Karl Fischer): ≤5.0%
Storage Conditions: 2-8 °C
Description: Colchicine is a mitotic poison which has been used in research as a chemotherapeutic agent for cancer. This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.

Mechanism of Action: Since one of the defining characteristics of cancer cells is a significantly increased rate of mitosis, cancer cells are significantly more vulnerable to colchicine poisoning than are normal cells. However, the therapeutic value of colchicine against cancer is (as is typical with chemotherapy agents) limited by its toxicity against normal cells.

Cancer Applications: Cochicine can be used to study the effects of mitosis in cancer cells.

References:

If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/