Mebendazole is a benzimidazole anti-parasitic/anti-helminthic compound that also exhibits anticancer chemotherapeutic activity. Mebendazole inhibits microtubule polymerization in parasitic worms. In melanoma cells, mebendazole decreases levels of Bcl-2 and induces apoptosis, suppressing cell growth. This compound also decreases Bcl-2 and XIAP levels in vivo, suppressing growth of melanoma xenografts.

**References**


**Product Information**

- **Product ID**: M1605
- **CAS No.**: 31431-39-7
- **Chemical Name**: (5-Benzoyl-1H-benzimidazole-2-yl)carbamic acid methyl ester
- **Synonym**: Mebendazol, Lomper, Noverme, Pantelmin
- **Formula**: C₁₆H₁₃N₃O₃
- **Formula Wt.**: 295.29
- **Melting Point**: 288.5°C
- **Purity**: ≥98%
- **Solubility**: Soluble in formic acid. Practically insoluble in water, ethanol, ether and chloroform.

**Store Temp**: Ambient
**Ship Temp**: Ambient

**Description**

Mebendazole is a benzimidazole anti-parasitic/anti-helminthic compound that also exhibits anticancer chemotherapeutic activity. Mebendazole inhibits microtubule polymerization in parasitic worms. In melanoma cells, mebendazole decreases levels of Bcl-2 and induces apoptosis, suppressing cell growth. This compound also decreases Bcl-2 and XIAP levels in vivo, suppressing growth of melanoma xenografts.

**Pricing and Availability**

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**Caution**: This product is intended for laboratory and research use only. It is not for human or drug use.