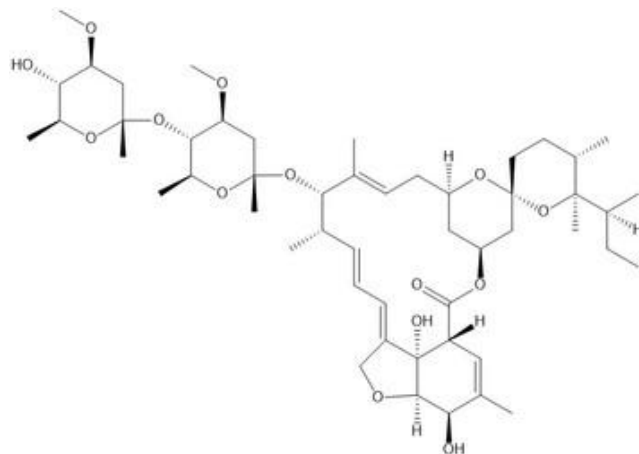


Catalog	Unit
TBI2628-1G	1 g
TBI2628-5G	5 g

Product Details

Formal Name: 22,23-Dihydroavermectin B1
Alternate Names: 22,23-Dihydro C076B1; MK-933
Molecular Formula: C₄₈H₇₄O₁₄(B1a form)
Formula Weight: 875.1
CAS Number: 70288-86-7
Purity: ≥98%
Formulation: Powder
Solubility: Soluble in DMSO (70 mg/ml) or Ethanol (25 mg/ml)
Storage: -20°C.
Stability: ≥ 2 years.



Applications

Antiparasitic, antiviral

Functions

A specific inhibitor of importin α/β -mediated nuclear import with no effect on a range of other nuclear import pathways. Displays potent antiviral activity against HIV-1, dengue, corona and other viruses. Clinically useful broad-spectrum antiparasitic agent.

Application Procedures

First dissolved in DMSO (70 mg/ml) or Ethanol (25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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