

Fumagillin, MetAP-2 inhibitor

Catalog	Unit
TBI1146 - 1MG	1 mg
TBI1146 - 5MG	5 mg

Product Details

Formal Name: (2E,4E,6E,8E)-Mono[(3R,4S,5S,6R)-5-methoxy-4-[(2R,3R)-2-methyl-3-(3-methyl-2-butenyl)oxiranyl]-1-oxaspiro[2.5]oct-6-yl] 2,4,6,8-decatetraenedioic acid ester

Molecular Formula: C₂₆H₃₄O₇

Formula Weight: 458.54

CAS Number: 23110-15-8

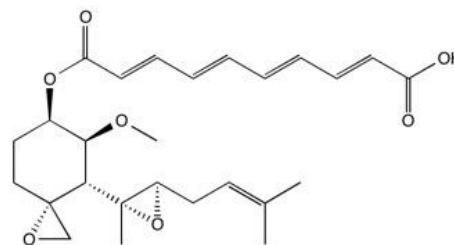
Purity: 95%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

MetAP-2 inhibitor

Functions

Fumagillin (23110-15-8) is a natural product isolated from the microbial organism *Aspergillus fumigatus* and used as an antimicrobial for honey bees. It covalently binds and inhibits methionine aminopeptidase-2. Fumagillin also inhibits endothelial cell proliferation in vitro and tumor-induced angiogenesis in vivo.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO 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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