

Catalog	Unit
TBI2115 - 1MG	1 mg
TBI2115 - 5MG	5 mg

Product Details

Formal Name: [(1*R*,3*R*,5*S*,9*R*,18*S*)-18-(methoxymethyl)-1,5-dimethyl-6,11,16-trioxo-13,17-dioxapentacyclo[10.6.1.0^{2,10}.0^{5,9}.0^{15,19}]nonadeca-2(10),12(19),14-trien-3-yl] acetate

Molecular Formula: C₂₃H₂₄O₈

Formula Weight: 428.44

CAS Number: 19545-26-7

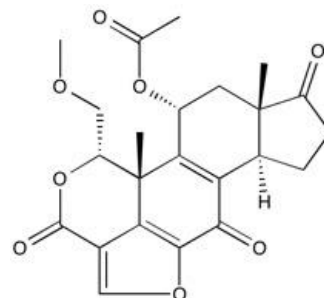
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

PI 3-K inhibitor

Functions

Wortmannin (19545-26-7) is a potent and selective inhibitor of PI3-kinase which acts via covalent modification of Lys-802. Inhibits autophagy in rat hepatocytes. Inhibits adipocyte differentiation of 3T3-L1 cells. Wortmannin is useful tool for probing PI3-K-mediated cellular events.

Application Procedures

First dissolved in DMSO (50 mg/ml) or ethanol (25 mg/ml), then diluted to aqueous buffer. Dried aliquots evaporated from ethanol may be stored at -20° for several months. Solutions, however, are not stable and must be used within one working day.

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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