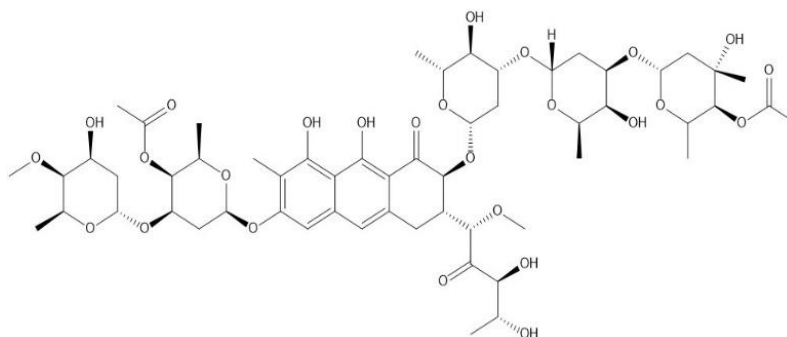


Catalog	Unit
TBI2064 - 1MG	1 mg
TBI2064 - 5MG	5 mg

### Product Details

**Formal Name:** Chromomycin A3.  
**Alternate Name:** Aburamycin B; CMA3; NSC-58514.  
**Molecular Formula:** C<sub>57</sub>H<sub>82</sub>O<sub>26</sub>.  
**Formula Weight:** 1183.3.  
**CAS Number:** 7059-24-7  
**Purity:** ≥98%  
**Formulation:** Powder.  
**Solubility:** Soluble in DMSO (up to 20 mg/ml).  
**Storage:** -20°C.  
**Stability:** ≥ 2 years.



### Applications

Apoptosis inhibitor  
DNA fluorescent probe  
Cancer

### Functions

Chromomycin A3 is a DNA-binding agent specific for GC-rich sequences which may be used as a DNA stain. Inhibits neuronal apoptosis induced by oxidative stress and DNA damage. Inhibits NFκB signaling. Used as a reliable method for evaluating sperm DNA integrity.

### Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2614	ZVAD-FMK, Pan-caspase inhibitor
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

**For research use only.**