

Catalog	Unit
TBI2852 - 1G	1 g
TBI2852 - 5G	5 g

Product Details

Alternate Names: Vitamin E succinate

Molecular Formula: C₃₃H₅₄O₅

Formula Weight: 530.78

CAS Number: 4345-03-3

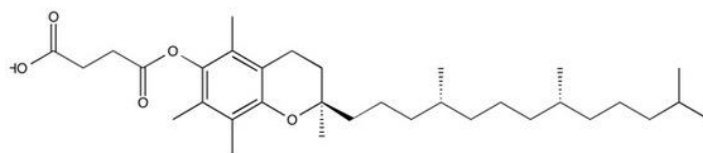
Purity: >98%

Formulation: Powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

Radioprotective agent.

Functions

Tocopherol succinate (4345-03-3) is a potent antioxidant. Protects mice from gamma-radiation by induction of granulocyte-colony stimulating factor. Tocopherol succinate induces apoptosis in human gastric cancer cells and inhibits proliferation of mesothelioma cells by down-regulation of fibroblast growth factor receptor-1. Induces apoptosis in neuroblastoma cells.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 50 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

For research use only.