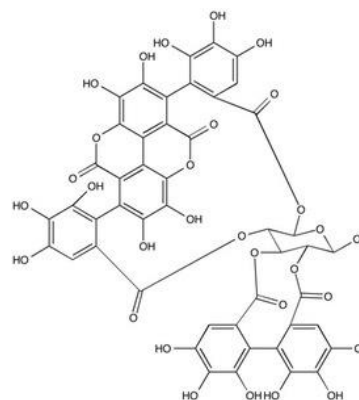


Catalog	Unit
TBI4583 - 1MG	1 mg
TBI4583 - 5MG	5 mg

Product Details

Molecular Formula: C₄₈H₂₈O₃₀
Formula Weight: 1084.72
CAS Number: 65995-63-3
Purity: >98%
Formulation: Powder
Solubility: Soluble in Water (greater than 20 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Applications

Antioxidant natural product; Anti-inflammatory

Functions

Punicalagin (65995-63-3) is a polyphenolic compound isolated from pomegranates possessing antioxidant, anti-inflammatory, and antitumorigenic properties. It has been shown to reduce high glucose-induced neural tube defects by blocking cellular stress and caspase activation. Punicalagin prevented high-fat diet induced obesity associated accumulation of cardiac triglyceride and cholesterol as well as myocardial damage via AMPK mediated modulation of mitochondria and phase II enzymes.

Application Procedures

Dissolved in water (greater than 20 mg/ml). Stable for 1 year from date of purchase as supplied. Solutions in distilled water may be stored at -20° for up to 2 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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