

Carnosic acid, Immunomodulator

Catalog	Unit
TBI2401-10MG	10 mg
TBI2401-50MG	50 mg

Product Details

Formal Name: Natural diterpenoid resorcinol isolated from *Rosmarinus officinalis*.

Molecular Formula: C₂₀H₂₈O₄

Formula Weight: 332.42

CAS Number: 3650-09-7

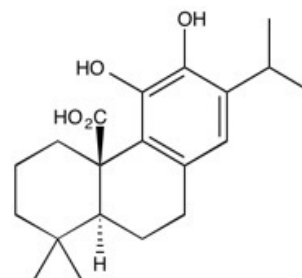
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

Immunomodulator

Functions

Antioxidant and free radical scavenger. Increases cellular levels of glutathione (GSH) and prevents 6-hydroxydopamine-induced cell death in SH-SY5Y cells. Carnosic acid-stimulation of GSH inhibits adipocyte differentiation. Induces apoptosis and inhibits the proliferation and migration of various tumor cell lines.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.