

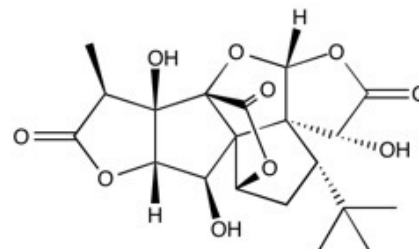
## Ginkgolide B, PAF antagonist

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Catalog	Unit
TBI1080-10MG	10 mg
TBI1080-50MG	50 mg

### Product Details

**Formal Name:** Natural product isolated from Ginkgo biloba  
**Alternate Names:** BN 52021  
**Molecular Formula:** C<sub>20</sub>H<sub>24</sub>O<sub>10</sub>  
**Formula Weight:** 424.41  
**CAS Number:** 15291-77-7  
**Purity:** >98%  
**Formulation:** powder  
**Solubility:** Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 10 mg/ml).  
**Storage:** -20°C  
**Stability:** ≥ 2 years.



### Applications

PAF antagonist

### Functions

Platelet-activating factor (PAF) receptor antagonist (K<sub>i</sub> = 1.3 μM). Inhibits neutrophil degranulation and superoxide production in vitro. Inhibits PAF-induced bronchoconstriction in a guinea pig model. Displays neuroprotective effects in various models. Protects against focal cerebral ischemia via inhibition of the mitochondrial apoptotic pathway.

### Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

**For research use only.**