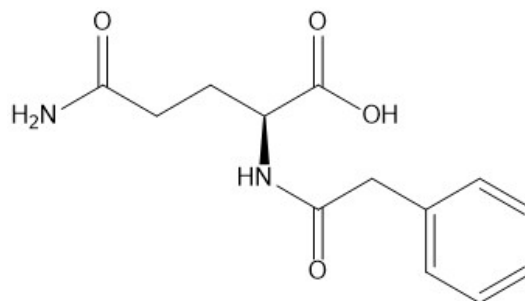


Catalog	Unit
TBI5706-10MG	10 mg
TBI5706-50MG	50 mg

### Product Details

**Formal Name:** (S)-5-Amino-5-oxo-2-(2-phenylacetamido)pentanoic acid  
**Alternate Names:** N-Phenylacetylglutamine; Phenylacetylglutamine; PhenylAc-Gln-OH; NSC-203800; PAG  
**Molecular Formula:** C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
**Formula Weight:** 264.3  
**CAS Number:** 28047-15-6  
**Purity:** >98%  
**Formulation:** Powder  
**Solubility:** Soluble in DMSO (45 mg/ml)  
**Storage:** -20°C  
**Stability:** ≥ 2 years.



### Applications

Bioactive gut microbial metabolite

### Functions

A microbial-mammalian host cometabolite which increases with age and especially in extreme longevity. Gut-microbiota-dependent PAG is associated with cardiovascular disease pathogenesis via action at adrenergic receptors. Plasma PAG levels may be a valuable indicator for predicting coronary in-stent restenosis.

### Application Procedures

First dissolved in Soluble in DMSO (45 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**