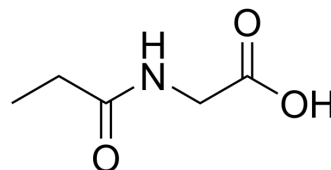


## Propionylglycine

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-W587803  |
| CAS No.:           | 21709-90-0  |
| Molecular Formula: | C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub>   |
| Molecular Weight:  | 131.13  |
| Target:            | Others  |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### SOLVENT & SOLUBILITY

|   |  |                       |           |            |            |
|---|--|-----------------------|-----------|------------|------------|
| In Vitro  | DMSO : 250 mg/mL (1906.50 mM; Need ultrasonic)   |                       |           |            |            |
|   | Preparing Stock Solutions  | Solvent Concentration | 1 mg      | 5 mg       | 10 mg      |
|   |  | 1 mM                  | 7.6260 mL | 38.1301 mL | 76.2602 mL |
|   |  | 5 mM                  | 1.5252 mL | 7.6260 mL  | 15.2520 mL |
|   |  | 10 mM                 | 0.7626 mL | 3.8130 mL  | 7.6260 mL  |
| Please refer to the solubility information to select the appropriate solvent. |  |                       |           |            |            |
| In Vivo   | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline<br>Solubility: ≥ 2.08 mg/mL (15.86 mM); Clear solution |                       |           |            |            |

### BIOLOGICAL ACTIVITY

|             |  |
|-------------|--|
| Description | Propionylglycine is a peptide <sup>[1]</sup> . |
|-------------|--|

### REFERENCES

[1]. Thompson, et al. Increased urinary metabolite excretion during fasting in disorders of propionate metabolism. *Pediatric Research* (1990), 27(4), 413-16.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA