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**Product Data Sheet**

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Product Name: Anserine  
Cat. No.: GC30722

**Chemical Properties**

Cas. No. 584-85-0

SMILES O=C(O)[C@H](CC1=CN=CN1C)NC(CCN)=O

Formula  $C_{10}H_{16}N_4O_3$  M.Wt 240.26

Solubility Water 48 mg/mL (199.78 mM) Storage Store at 4°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

**Background**

Anserine ( $\beta$ -alanyl-N-methylhistidine) is a dipeptide containing  $\beta$ -alanine and 1-methylhistidine. It is normally absent from human tissues and body fluids, and its appearance there is an artifact of diet and serum carnosinase deficiency.

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

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