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**Product Data Sheet**

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Product Name: Procathepsin B (26-50) (rat)

Cat. No.: GA23386

**Chemical Properties**

Cas. No. 317331-27-4

Formula  $C_{123}H_{198}N_{34}O_{33}S$  M.Wt 2713.2

Solubility Soluble in DMSO Storage Store at -20°C

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**

This 25 residue peptide was completely resistant to proteolysis by cathepsin B even after incubation overnight. It inhibited human cathepsin B with  $K_i = 2.8 \mu M$  and rat cathepsin B with  $K_i = 2 \mu M$ .

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

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