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**Product Data Sheet**

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Product Name: (Tyr<sup>5.12</sup>,Lys<sup>7</sup>)-Polyphemusin II

Cat. No.: GA20334

**Chemical Properties**

Cas. No. 147658-54-6

Formula C<sub>109</sub>H<sub>164</sub>N<sub>38</sub>O<sub>22</sub>S<sub>4</sub>

M.Wt 2487.01

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 (Tyr<sup>5.12</sup>,Lys<sup>7</sup>)-Polyphemusin II**Background**

T22 showed strong anti-human immunodeficiency virus activity in HIV-infected MT-4 cells (IC<sub>50</sub> = 2.6 nM) similar to that of AZT (3'-azido-2',3'-dideoxythymidine) (IC<sub>50</sub> = 5.2 nM).

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

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