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**Product Data Sheet**

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Product Name: H-His-Cys-Lys-Phe-Trp-Trp-OH

Cat. No.: GA22534

**Chemical Properties**

Cas. No. 172546-75-7

Formula C<sub>46</sub>H<sub>55</sub>N<sub>11</sub>O<sub>7</sub>S M.Wt 906.08

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**

HCKFWW, potent inhibitor of the HIV-encoded integrase (IN), the enzyme responsible for the integration of HIV DNA into the human genome. HCKFWW inhibits IN-mediated 3'processing and integration with an IC<sub>50</sub> of 2 μM. The peptide is also active on IN

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

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