

Product Data Sheet

Product Name: Kp7-6
Cat. No.: GC72103

Chemical Properties

Cas. No. 629628-53-1

Formula $C_{48}H_{56}N_{10}O_{15}S_2$ M.Wt 1077.15

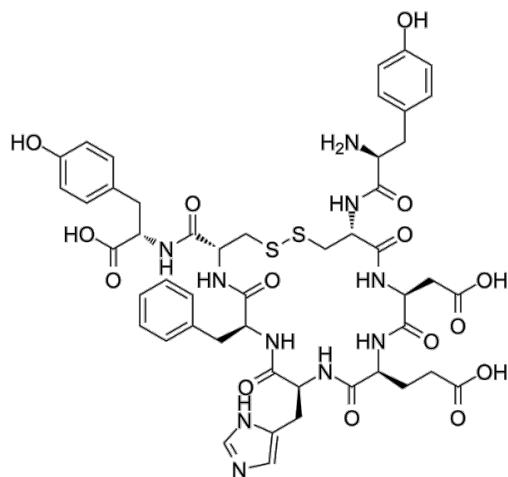
Solubility DMSO : 100 mg/mL (92.84 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

Kp7-6, a Fas mimetic peptide, is a Fas/FasL antagonist. Kp7-6 protects cells from Fas-mediated apoptosis, and protects mice from Fas-mediated hepatic injury.

References:

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

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- [1]. Zhang S, et al. Fas-associated death receptor signaling evoked by human amylin in islet beta-cells. *Diabetes*. 2008 Feb;57(2):348-56.
- [2]. Hasegawa A, et al. Fas-disabling small exocyclic peptide mimetics limit apoptosis by an unexpected mechanism. *Proc Natl Acad Sci U S A*. 2004 Apr 27;101(17):6599-604.

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