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**Product Data Sheet**

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Product Name: RI-STAD 2

Cat. No.: GC50502

**Chemical Properties**

Cas. No.

Formula C<sub>109</sub>H<sub>181</sub>N<sub>25</sub>O<sub>35</sub>

M.Wt

2401.75

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**

AKAP disruptor. Selectively binds PKA-RI with high affinity (KD values are 6.2 and 12.1 nM for the RI $\alpha$  and  $\beta$  subunits, respectively) and blocks its interaction with AKAP. Inhibits type I PKA-mediated phosphorylation in live cells. Cell permeable.

Wang et al (2015) PKA-type I selective constrained peptide disruptors of AKAP complexes. ACS Chem.Biol. 10 1502 PMID:25765284

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

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