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**Product Data Sheet**

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Product Name: TAT-GluA2 3Y

Cat. No.: GC50582

**Chemical Properties**

Cas. No. 1404188-93-7

Formula  $C_{115}H_{185}N_{43}O_{29}$ 

M.Wt 2634

Solubility  $H_2O$  : 100 mg/mL (37.97 mM; Need ultrasonic)Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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**

Inhibitor of AMPA receptor endocytosis. Induces increased hind paw withdrawal latencies following thermal and mechanical stimuli in rats. Also exhibits antinociceptive effects in a rat model of neuropathic pain. Rescues pentobarbital-induced memory retrieval deficits in a rat model of learning and memory.

Wang et al (2018) Inhibition of AMPAR endocytosis alleviates pentobarbital-induced spatial memory deficits and synaptic depression. Behav. Brain Res. 339 66  
PMID:29162383

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

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