
Product Data Sheet

Product Name: st-Ht31
Cat. No.: GC50406

Chemical Properties

Cas. No. 188425-80-1

Formula $C_{129}H_{217}N_{29}O_{39}$ M.Wt 2798.27

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

Stearated form of the peptide Ht-31. Inhibits the interaction between the RII subunits of cAMP-dependent PKA and A-kinase anchoring protein (AKAP) in cell extracts. Cell permeable.

Gorshkov et al (2017) AKAP-mediated feedback control of cAMP gradients in developing hippocampal neurons. Nat.Chem.Biol. 13 425 PMID:28192412 | Vijayaraghavan et al (1997) Protein kinase A-anchoring inhibitor peptides arrest mammalian sperm motility. J.Biol.Chem. 272 4747 PMID:9030527 | Carr et al (1992) Association of the type II cAMP-dependent protein kinase with a human thyroid RII-anchoring protein. Cloning and characterization of the RII-binding domain. J.Biol.Chem. 267 13376 PMID:1618839

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA