

Product Data Sheet

Product Name: RVG-Cys acetate

Cat. No.: GC72288

Chemical Properties

Cas. No.

Formula $C_{144}H_{222}N_{44}O_{44}S_3 \cdot xC_2H_4O_2$ M.Wt 3369.77 (free acid)

Solubility H_2O : ≥ 100 mg/mL; DMSO : 3.33 mg/mL (Need ultrasonic) Storage Sealed storage, away from moisture and light, under nitrogen

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

YTIWMPENPRPGTPCDIFTNSRGKRASNGC (acetate salt)

Background

RVG-Cys (RVG29-Cys;RDP-Cy) acetate is based on rabies virus glycoprotein (RVG29) peptide and connected to Cys to facilitate subsequent coupling.

References:

[1]. Yang Liu, et al. Brain-targeting gene delivery and cellular internalization mechanisms for modified rabies virus glycoprotein RVG29 nanoparticles. Biomaterials. 2009 Sep;30(25):4195-202.

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