
Product Data Sheet

Product Name: [pSer2, pSer5, pSer7]-CTD

Cat. No.: GC35020

Chemical Properties

Cas. No. 1793080-95-1

Formula C₉₆H₁₃₇N₂₁O₃₇ M.Wt 2177.23

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**

[pSer2, pSer5, pSer7]-CTD, a substrate for CDK7 (cyclin dependent protein kinase), is a phosphorylated polypeptide at ser2, ser5 and ser7 sites of RNA polymerase II carboxy-terminal domain (CTD)[1].

[1]. Czudnochowski N, et al. Serine-7 but not serine-5 phosphorylation primes RNA polymerase II CTD for P-TEFb recognition. Nat Commun. 2012 May 15;3:842.

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
