
Product Data Sheet

Product Name: [pTyr5] EGFR 988-993

Cat. No.: GC35024

Chemical Properties

Cas. No. 159453-08-4

Formula C₃₁H₄₅N₆O₁₇P M.Wt 804.69

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**

[pTyr5] EGFR (988-993) is derived from the autophosphorylation site (Tyr992) of epidermal growth factor receptor (EGFR 988-993). [pTyr5] EGFR (988-993) is often complexed with the catalytically inactive protein-tyrosine phosphate 1B (PTP1B)[1].

[1]. Sarmiento M, et al. Structural basis of plasticity in protein tyrosine phosphatase 1B substrate recognition. *Biochemistry*. 2000 Jul 18;39(28):8171-9.

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

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