

Product Data Sheet

Product Name: PDKtide TFA

Cat. No.: GC80872

Chemical Properties

Cas. No.

Formula $C_{212}H_{314}N_{54}O_{66}S_3 \cdot xC_2HF_3O_2$ M.Wt 4771.28

Solubility DMSO: 100 mg/mL (Need ultrasonic) 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

Lys-Thr-Phe-Cys-Gly-Thr-Pro-Glu-Tyr-
Leu-Ala-Pro-Glu-Val-Arg-Arg-Glu-Pro-
Arg-Ile-Leu-Ser-Glu-Glu-Glu-Gln-Glu-
Met-Phe-Arg-Asp-Phe-Asp-Tyr-Ile-Ala-
Asp-Trp-Cys (TFA salt)

Background

PDKtide TFA, a biological active peptide, is a substrate for phosphatidylinositide-dependent kinase 1 (PDK1) [1].

References:

[1]. Biondi RM, et al. Identification of a pocket in the PDK1 kinase domain that interacts with PIF and

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

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the C-terminal residues of PKA. EMBO J. 2000 Mar 1;19(5):979-88.

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