
Product Data Sheet

Product Name: Bim BH3, Peptide IV

Cat. No.: GC35519

Chemical Properties

Cas. No. 2088247-34-9

Formula $C_{145}H_{222}N_{44}O_{41}S$ M.Wt 3269.65

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**

Bim BH3, Peptide IV is a 26-residue peptide from BH3-only protein Bim, which belongs to the pro-apoptotic group of the Bcl-2 family of proteins[1][2].

[1]. Zhu Y, et al. Constitutive association of the proapoptotic protein Bim with Bcl-2-related proteins on mitochondria in T cells. Proc Natl Acad Sci U S A. 2004 May 18;101(20):7681-6. [2]. Lee EF, et al. High-resolution structural characterization of a helical alpha/beta-peptide foldamer bound to the anti-apoptotic protein Bcl-xL. Angew Chem Int Ed Engl. 2009;48(24):4318-22.

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

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