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**Product Data Sheet**

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Product Name: PUMA BH3

Cat. No.: GC34389

**Chemical Properties**

Cas. No.

SMILES Glu-Glu-Gln-Trp-Ala-Arg-Glu-Ile-Gly-Ala-Gln-Leu-Arg-Arg-Met-Ala-Asp-Asp-Leu-Asn-Ala-Gln-Tyr-Glu-ArgFormula  $C_{128}H_{202}N_{42}O_{43}S$  M.Wt 3049.3

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**

PUMA BH3 is a p53 upregulated modulator of apoptosis (PUMA) BH3 domain peptide, acts as a direct activator of Bak, with a Kd of 26 nM.

PUMA BH3 is a p53 upregulated modulator of apoptosis (PUMA) BH3 domain peptide, acts as a direct activator of Bak, with a Kd of 26 nM. PUMA BH3 binds Bak in the canonical BH3-binding groove, and activates Bak[1].

[1]. Dai H, et al. Evaluation of the BH3-only protein Puma as a direct Bak activator. J Biol Chem. 2014 Jan 3;289(1):89-99.

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

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