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**Product Data Sheet**

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Product Name: HIF-1 alpha (556-574) TFA

Cat. No.: GC36226

**Chemical Properties**

Cas. No.

Formula  $C_{103}H_{151}D_2F_3N_{20}O_{36}S_2$  M.Wt 2368.62

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**

HIF-1 alpha (556-574) TFA is a short hypoxia-inducible factor-1 (HIF-1) 19 residues fragment. HIF-1 functions as master regulator of response to oxygen homeostasis[1].

[1]. Ehrismann D, et al. Studies on the activity of the hypoxia-inducible-factor hydroxylases using an oxygen consumption assay. Biochem J. 2007 Jan 1;401(1):227-34.

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

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