
Product Data Sheet

Product Name: HIF-1 alpha 556-574

Cat. No.: GC36227

Chemical Properties

Cas. No. 1201633-99-9

Formula $C_{101}H_{150}D_2N_{20}O_{34}S_2$ M.Wt 2254.6

Solubility DMSO : 100 mg/mL (44.32 mM; 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

Background

HIF-1 alpha (556-574) 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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