

Product Data Sheet

Product Name: [D-Leu-4]-OB3

Cat. No.: GC72183

Chemical Properties

Cas. No. 289056-32-2

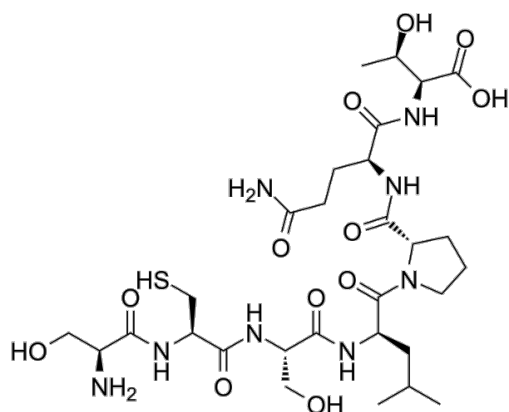
Formula $C_{29}H_{50}N_8O_{12}S$ M.Wt 734.82

Solubility DMSO : 50 mg/mL (68.04 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage Sealed storage, away from moisture

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

[D-Leu-4]-OB3 inhibits expressions of pro-inflammatory, proliferative and metastatic genes and PD-L1 expression. [D-Leu-4]-OB3 stimulates expression of pro-apoptotic genes.

References:

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

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[1]. Yih Ho, et al. Leptin-derived peptides block leptin-induced proliferation by reducing expression of pro-inflammatory genes in hepatocellular carcinoma cells. Food Chem Toxicol. 2019 Nov; 133: 110808.

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