

Product Data Sheet

Product Name: mLR12
Cat. No.: GC74406

Chemical Properties

Cas. No.

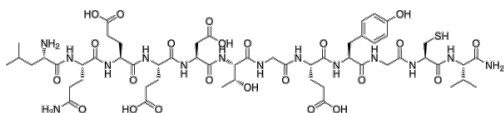
Formula $C_{55}H_{84}N_{14}O_{23}S$ M.Wt 1341.4

Solubility DMSO : 100 mg/mL (74.55 mM; Need ultrasonic) 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



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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

mLR12 is a Trem1 inhibitory peptide. mLR12 decreases aortic rupture rate in BAPN-induced Thoracic aortic aneurysm and dissection (TAAD) mice model.

References:

[1]. Liu X, et al. Single-cell RNA sequencing identifies an Il1rn+/Trem1+ macrophage subpopulation as a cellular target for mitigating the progression of thoracic aortic aneurysm and dissection. Cell Discov. 2022 Feb 8;8(1):11.

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