
Product Data Sheet

Product Name: SAHM1
Cat. No.: GC50470

Chemical Properties

Cas. No. 2050906-89-1

Formula $C_{94}H_{162}N_{36}O_{23}S$ M.Wt 2196.58

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

Notch pathway inhibitor - stabilized hydrocarbon-stapled alpha helical peptide. Targets the protein-protein interface and prevents Notch complex assembly.

Ashley et al (2015) Notch signaling promotes osteoclast maturation and resorptive activity. J Cell Biochem 116 2598 PMID:25914241 | Bagheri et al (2018) Notch pathway is active during osteogenic differentiation of human bone marrow mesenchymal stem cells induced by pulsed electromagnetic fields. J.Tissue Eng.Regen.Med. 12 304 PMID:28482141 | KleinJan et al (2018) The Notch pathway inhibitor stapled a-helical peptide derived from mastermind-like 1 (SAHM1) abrogates the hallmarks of allergic asthma. J.Allergy Clin.Immunol. 142 76 PMID:29111218

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