
Product Data Sheet

Product Name: NFAT inhibitor, Cell Permeable

Cat. No.: GC50243

Chemical Properties

Cas. No. 592517-80-1

Formula $C_{147}H_{259}N_{67}O_{36}S$

M.Wt 3573.15

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 NFAT inhibitor, Cell Permeable**Background**

NFAT inhibitor. Inhibits LPS or LPS plus IFN- γ -induced IL-12 p40, IL-12 p70, IL-23 and TNF secretion from bone marrow-derived macrophages (BMDMs). Also attenuates NO production and Nos2 mRNA expression in LPS-stimulated BMDMs. Improves symptoms in a mouse model of colitis. Exhibits immunosuppressive effects; enhances graft survival in mice. Cell permeable.

Elloumi et al (2012) A cell permeable peptide inhibitor of NFAT inhibits macrophage cytokine expression and ameliorates experimental colitis. PLoS One 7 e34172 PMID:22479554 |Noguchi et al (2004) A new cell-permeable peptide allows successful allogeneic islet transplantation in mice. Nat.Med. 10 305 PMID:14770176

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

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