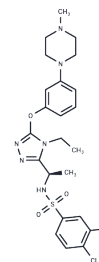


TASP 0277308

Chemical Properties

CAS No. : 945725-50-8
 Formula: C₂₃H₂₈Cl₂N₆O₃S
 Molecular Weight: 539.48
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	TASP 0277308 is a potent and selective sphingosine 1-phosphate 1 (S1P1) receptor antagonist (IC ₅₀ = 7.8 nM). TASP 0277308 inhibits S1P-induced chemotaxis (IC ₅₀ = 1.1-1.6 nM), HUVEC cell proliferation (IC ₅₀ = 3-3.6 nM) and suppresses angiogenesis in vivo. TASP 0277308 also blocks VEGF-induced tube-formation of HUVECs in vitro and reverses or impairs the development of arthritis or mechano-allodynia.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8536 mL	9.2682 mL	18.5364 mL
5 mM	0.3707 mL	1.8536 mL	3.7073 mL
10 mM	0.1854 mL	0.9268 mL	1.8536 mL
50 mM	0.0371 mL	0.1854 mL	0.3707 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Fujii et al (2012) Amelioration of collagen-induced arthritis by a novel S1P 1 antagonist with immunomodulatory activities. J.Immunol. 188 PMID: 22131329

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