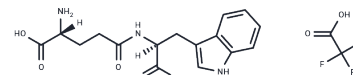


Golotimod (TFA) (229305-39-9 free base)

Chemical Properties

CAS No. :	T11449L2
Formula:	C ₁₈ H ₂₀ F ₃ N ₃ O ₇
Molecular Weight:	447.36
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Golotimod TFA (SCV 07 TFA) is an immunomodulatory peptide with antibacterial properties that significantly increases the effectiveness of anti-tuberculosis studies, stimulates thymus and splenocyte proliferation and improves macrophage function. Golotimod TFA has the potential to be used in studies of recurrent genital herpes simplex virus type 2 (HSV-2).
Targets(IC50)	STAT
In vitro	Golotimod is also a potential therapeutic for recurrent genital herpes simplex virus type 2 (HSV-2) [1]. Golotimod inhibits STAT3 signaling and modulates the duration and severity of oral mucositis in animal models that received radiation or a combination of radiation and Cisplatin [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2353 mL	11.1767 mL	22.3534 mL
5 mM	0.4471 mL	2.2353 mL	4.4707 mL
10 mM	0.2235 mL	1.1177 mL	2.2353 mL
50 mM	0.0447 mL	0.2235 mL	0.4471 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

Rose WA 2nd, et al. An immunomodulating dipeptide, SCV-07, is a potential therapeutic for recurrent genital herpes simplex virus type 2 (HSV-2). Int J Antimicrob Agents. 2008 Sep;32(3):262-6.

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