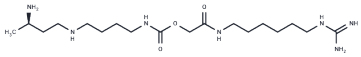
Data Sheet (Cat.No.T30077)

TargetMol

Anisperimus

Chemical Properties



CAS No. : 170368-04-4

Formula: C18H39N7O3

Molecular Weight: 401.55

Storage: Store at low temperature
Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anisperimus (LF 15-0195) is an immunosuppressant that enhances activation-induced T-cell death by promoting caspase-8 and caspase-10 activation at the DISC level, and prevents CNS autoimmunity by promoting the development of Foxp3-expressing regulatory CD4 T cells.
Targets(IC50)	Caspase,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4903 mL	12.4517 mL	24.9035 mL
5 mM	0.4981 mL	2.4903 mL	4.9807 mL
10 mM	0.249 mL	1.2452 mL	2.4903 mL
50 mM	0.0498 mL	0.249 mL	0.4981 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Le Berre L,et al. Is there B cell involvement in a rat model of spontaneous idiopathic nephrotic syndrome treated with LF15-0195? J Nephrol. 2014 Jun;27(3):265-73.

Duplan V, Stennevin A, Ipinazar K, Druet P, Dutartre P, Saoudi A. Beneficial effect of the immunosuppressant LF 15-0195 on passively induced rat experimental autoimmune encephalomyelitis. Transplant Proc. 2002 Nov;34(7): 2966-9. PubMed PMID: 12431674.

Duplan V, Dutartre P, Druet P, Saoudi A. LF 15-0195 prevents from the development and inhibits the progression of rat experimental autoimmune myasthenia gravis. J Neuroimmunol. 2002 Aug;129(1-2):115-24. PubMed PMID: 12161027.

Ducoroy P, Micheau O, Perruche S, Dubrez-Daloz L, de Fornel D, Dutartre P, Saas P, Solary E. LF 15-0195 immunosuppressive agent enhances activation-induced T-cell death by facilitating caspase-8 and caspase-10 activation at the DISC level. Blood. 2003 Jan 1;101(1):194-201. Epub 2002 Aug 29. PubMed PMID: 12393594.