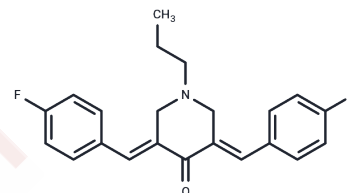


TachypleginA

Chemical Properties

CAS No. :	331839-29-3
Formula:	C ₂₂ H ₂₁ F ₂ NO
Molecular Weight:	353.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	TachypleginA is a parasite motility and invasion inhibitor.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8297 mL	14.1483 mL	28.2965 mL
5 mM	0.5659 mL	2.8297 mL	5.6593 mL
10 mM	0.283 mL	1.4148 mL	2.8297 mL
50 mM	0.0566 mL	0.283 mL	0.5659 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

Leung JM, Tran F, Pathak RB, Poupart S, Heaslip AT, Ballif BA, Westwood NJ, Ward GE. Identification of T. gondii myosin light chain-1 as a direct target of TachypleginA-2, a small-molecule inhibitor of parasite motility and invasion. PLoS One. 2014 Jun 3;9(6):e98056. doi: 10.1371/journal.pone.0098056. eCollection 2014. PubMed PMID: 24892871; PubMed Central PMCID: PMC4043638.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481