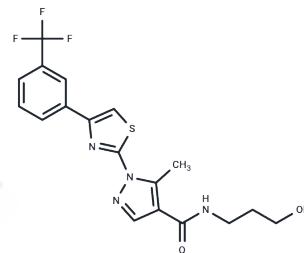


RWJ 50271

Chemical Properties

CAS No. : 162112-37-0
 Formula: C₁₈H₁₇F₃N₄O₂S
 Molecular Weight: 410.41
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	RWJ 50271 is a selective lymphocyte function-associated antigen-1/intercellular adhesion molecule-1(LFA-1/ICAM-1) interaction inhibitor(IC ₅₀ of 5.0 μM in HL60 cells).
Targets(IC ₅₀)	Integrin

Solubility Information

Solubility	DMSO: 230 mg/mL (487.32 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4366 mL	12.1829 mL	24.3659 mL
5 mM	0.4873 mL	2.4366 mL	4.8732 mL
10 mM	0.2437 mL	1.2183 mL	2.4366 mL
50 mM	0.0487 mL	0.2437 mL	0.4873 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

Sanfilippo PJ, et al. Novel thiazole based heterocycles as inhibitors of LFA-1/ICAM-1 mediated cell adhesion. J Med Chem. 1995 Mar 31;38(7):1057-9.

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