

Product Data Sheet

Product Name: RWJ 50271

Cat. No.: GC14795

Chemical Properties

Cas. No. 162112-37-0

Chemical Name (Z)-N-(3-hydroxypropyl)-5-methyl-1-(4-(3-(trifluoromethyl)phenyl)thiazol-2-yl)-1H-pyrazol-4-carbimidic acid

SMILES CC1=C(/C(O)=N/CCCO)C=NN1C2=NC(C3=CC(C(F)(F)F)=CC=C3)=CS2

Formula $C_{18}H_{17}F_3N_4O_2S$

M.Wt 410.41

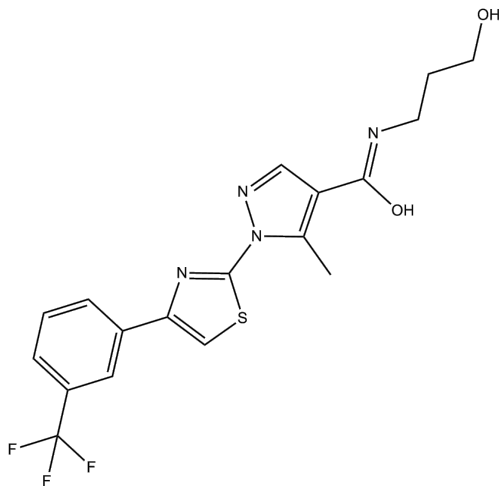
Solubility <41.04mg/ml in DMSO

Storage Store at RT

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

RWJ 50271 is a selective inhibitor of lymphocyte function-associated antigen-1/intercellular adhesion molecule-1 (LFA-1/ICAM-1) interaction with an IC₅₀ of 5.0 μM (HL60 cells)[1].

References:

[1]. Sanfilippo PJ, et al. Novel thiazole based heterocycles as inhibitors of LFA-1/ICAM-1 mediated

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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cell adhesion. J Med Chem. 1995 Mar 31;38(7):1057-9.

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