



Product Information

Integrin inhibitor, RWJ 50271, Purity $\geq 98\%$

Cat. No.: X24-08-YM303

Size: 5 mg; 10 mg; 50 mg; 100 mg

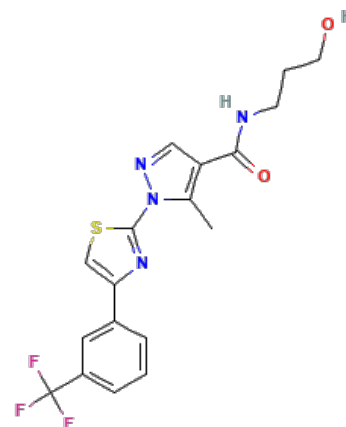
CAS Number: 162112-37-0

Compound CID: 9953357

Synonym: 162112-37-0; RWJ50271; RWJ-50271; *N*

-(3-Hydroxypropyl)-5-methyl-1-[4-[3-(trifluoromethyl)phenyl]-1,3-thiazol-2-yl]pyrazole-4-carboxamide

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	RWJ 50271 is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	410.41
Molecular Formula	C ₁₈ H ₁₇ F ₃ N ₄ O ₂ S
IUPAC Name	<i>N</i> -(3-Hydroxypropyl)-5-methyl-1-[4-[3-(trifluoromethyl)phenyl]-1,3-thiazol-2-yl]pyrazole-4-carboxamide
InChI	InChI=1S/C18H17F3N4O2S/c1-11-14(16(27)22-6-3-7-26)9-23-25(11)17-24-15(10-28-17)12-4-2-5-13(8-12)18(19,20)21/h2,4-5,8-10,26H,3,6-7H2,1H3,(H,22,27)
InChI Key	JFOZKMSJYSPYLN-QHCPKHFHSA-N
Canonical SMILES	CS(=O)(=O)C1=CC=CC(=C1)CC(C(=O)O)NC(=O)C2=C(C=C3CN(CCC3=C2Cl)C(=O)C4=CC5=C(C=C4)C=CO5)Cl
Isomeric SMILES	CS(=O)(=O)C1=CC=CC(=C1)C[C@@H](C(=O)O)NC(=O)C2=C(C=C3CN(CCC3=C2Cl)C(=O)C4=C(C5=C(C=C4)C=CO5)Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	RWJ 50271 is a cytoskeletal signaling inhibitor that can be used for its effects on integrin-mediated cell adhesion, migration, and angiogenesis.



Storage

Store at -20°C, and keep desiccated.
