



Product Information

Integrin inhibitor, ATN-161, Purity $\geq 98\%$

Cat. No.: X24-08-YM311

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

CAS Number: 262438-43-7

Compound CID: 9960285

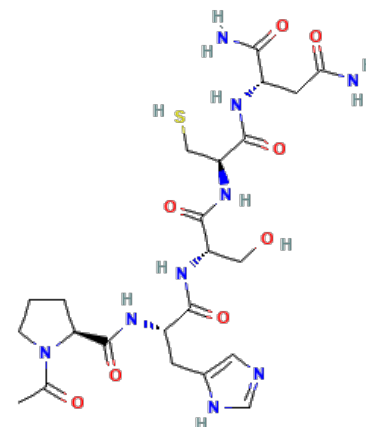
Synonym: 262438-43-7;

(2S)-2-[[[(2R)-2-[[[(2S)-2-[[[(2S

)-1-Acetylpyrrolidine-2-carbonyl]amino]-3-(

1H
-imidazol-5-yl)propanoyl]amino]-3-hydroxypropanoyl]amino]-3-sulfanylpropanoyl]amin
o]butanediamide

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



Product Information

Description	ATN-161, soluble in DMSO and water, is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	597.64
Molecular Formula	C ₂₃ H ₃₅ N ₉ O ₈ S
IUPAC Name	(2S)-2-[[[(2R)-2-[[[(2S)-2-[[[(2S)-1-Acetylpyrrolidine-2-carbonyl]amino]-3-(1H-imidazol-5-yl)propanoyl]amino]-3-hydroxypropanoyl]amino]-3-sulfanylpropanoyl]amino]butanediamide
InChI	InChI=1S/C23H35N9O8S/c1-11(34)32-4-2-3-17(32)23(40)29-14(5-12-7-26-10-27-12)20(37)30-15(8-33)21(38)31-16(9-41)22(39)28-13(19(25)36)6-18(24)35/h7,10,13-17,33,41H,2-6,8-9H2,1H3,(H2,24,35)(H2,25,36)(H,26,27)(H,28,39)(H,29,40)(H,30,37)(H,31,38)/t13-,14-,15-,16-,17-/m0/s1
InChI Key	LAROEWEPNWMD-HAGHYFMRSA-N
Canonical SMILES	C1C(=O)NC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)N1)CCCN=C(N)N)CCCCN)CC2=CC=C(C(=C2)O)CC(=O)O
Isomeric SMILES	C1C(=O)N[C@@H](C(=O)N[C@@H](C(=O)N[C@@H](C(=O)N[C@@H](C(=O)N1)CCCN=C(N)N)CCCCN)CC2=CC=C(C(=C2)O)CC(=O)O
Form	Lyophilized powder
Purity	$\geq 98\%$



Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Solubility	<i>In vitro</i> : DMSO: 11 mg/mL (18.4 mM); Water: 11 mg/mL (18.4 mM)
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	ATN-161 is a cytoskeletal signaling inhibitor that can be used for its ability to inhibit angiogenesis and tumor growth.
Storage	Store at -20°C, and keep desiccated.
