



Product Information

Integrin inhibitor, Integrin antagonists 27, Purity $\geq 98\%$

Cat. No.: X24-08-YM309

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

CAS Number: 593274-97-6

Compound CID: 6148173

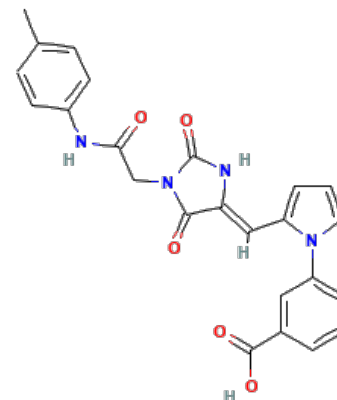
Synonym: 593274-97-6; MS-28006;

3-[2-[(Z

)-[1-[2-(4-Methylanilino)-2-oxoethyl]-2,5-dioxoimidazolidin-4-ylidene]methyl]pyrrol-1-yl]

benzoic acid

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



Product Information

Description	Integrin antagonists 27 is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	444.44
Molecular Formula	C ₂₄ H ₂₀ N ₄ O ₅
IUPAC Name	3-[2-[(Z)-[1-[2-(4-Methylanilino)-2-oxoethyl]-2,5-dioxoimidazolidin-4-ylidene]methyl]pyrrol-1-yl]benzoic acid
InChI	InChI=1S/C24H20N4O5/c1-15-7-9-17(10-8-15)25-21(29)14-28-22(30)20(26-24(28)33)13-19-6-3-11-27(19)18-5-2-4-16(12-18)23(31)32/h2-13H,14H2,1H3,(H,25,29)(H,26,33)(H,31,32)/b20-13-
InChI Key	MMHDBUJXLFTLC-WOYTXXSLSA-N
Canonical SMILES	CC(=O)N1CCCC1C(=O)NC(CC2=CN=CN2)C(=O)NC(CO)C(=O)NC(CS)C(=O)NC(CC(=O)N)C(=O)N
Isomeric SMILES	CC(=O)N1CCC[C@H]1C(=O)N[C@@H](CC2=CN=CN2)C(=O)N[C@@H](CO)C(=O)N[C@@H](CS)C(=O)N[C@@H](CC(=O)N)C(=O)N
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	Integrin antagonists 27 is a cytoskeletal signaling inhibitor that can be studied extensively for its



potential therapeutic applications in the treatment of conditions involving aberrant integrin activity, such as cancer, cardiovascular diseases, and inflammatory disorders.

Storage

Store at -20°C, and keep desiccated.
