



Product Information

Integrin inhibitor, CWHM12, Purity ≥98%

Cat. No.: X24-08-YM293

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

MDL: MFCD28385850

CAS Number: 1564286-55-0

Compound CID: 72949858

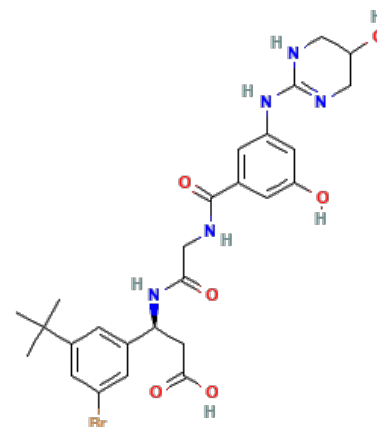
Synonym: 1564286-55-0; CWHM 12; CWHM-12;

(3S)-3-(3-Bromo-5-*tert*

-butylphenyl)-3-[[2-[[3-hydroxy-5-[(5-hydroxy-1,4,5,6-tetrahydropyrimidin-2-yl)amino]b

enzoyl]amino]acetyl]amino]propanoic acid

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



Product Information

Description	CWHM12 is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	590.47
Molecular Formula	C ₂₆ H ₃₂ BrN ₅ O ₆
IUPAC Name	(3S)-3-(3-Bromo-5- <i>tert</i> -butylphenyl)-3-[[2-[[3-hydroxy-5-[(5-hydroxy-1,4,5,6-tetrahydropyrimidin-2-yl)amino]benzoyl]amino]acetyl]amino]propanoic acid
InChI	InChI=1S/C26H32BrN5O6/c1-26(2,3)16-4-14(5-17(27)8-16)21(10-23(36)37)32-22(35)13-28-24(38)15-6-18(9-19(33)7-15)31-25-29-11-20(34)12-30-25/h4-9,20-21,33-34H,10-13H2,1-3H3,(H,28,38)(H,32,35)(H,36,37)(H2,29,30,31)/t21-m/s1
InChI Key	YDHAGPCZRFQPOI-NRFANRHFSA-N
Canonical SMILES	CC(C)(C)C1=CC(=CC(=C1)C(CC(=O)O)NC(=O)CNC(=O)C2=CC(=CC(=C2)O)NC3=NCC(CN3)O)Br
Isomeric SMILES	CC(C)(C)C1=CC(=CC(=C1)[C@H](CC(=O)O)NC(=O)CNC(=O)C2=CC(=CC(=C2)O)NC3=NCC(CN3)O)Br
Form	Lyophilized powder
Purity	≥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	CWHM12 is a cytoskeletal signaling inhibitor that plays a key role in cell adhesion and migration, making it relevant for research into cancer metastasis and tissue remodeling.
Storage	Store at -20°C, and keep desiccated.
