CD BioGlyco
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Product Information

Integrin inhibitor, c(phg-isoDGR-(NMe)k), Purity ≥98%

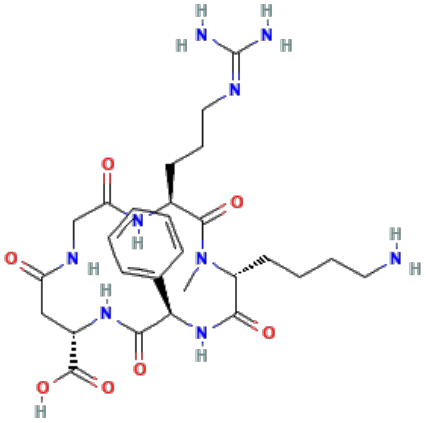
Cat. No.: X24-08-YM307

Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1844830-65-4

Compound CID: 137628646

Synonym: 1844830-65-4; EX-A7488; HY-111413; CS-0040557; (5*S*,8*R*,11*R*,14*S*)-8-(4-Aminobutyl)-5-[3-(diaminomethylideneamino)propyl]-7-methyl-3,6,9,12,16-pentaoxo-11-phenyl-1,4,7,10,13-pentazacyclohexadecane-14-carboxylic acid



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

Product Information

Description	c(phg-isoDGR-(NMe)k) is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	603.67
Molecular Formula	$C_{27}H_{41}N_9O_7$
IUPAC Name	(5*S*,8*R*,11*R*,14*S*)-8-(4-Aminobutyl)-5-[3-(diaminomethylideneamino)propyl]-7-methyl-3,6,9,12,16-pentaoxo-11-phenyl-1,4,7,10,13-pentazacyclohexadecane-14-carboxylic acid
InChI	InChI=1S/C27H41N9O7/c1-36-19(11-5-6-12-28)23(39)35-22(16-8-3-2-4-9-16)24(40)34-18(26(42)43)14-20(37)32-15-21(38)33-17(25(36)41)10-7-13-31-27(29)30/h2-4,8-9,17-19,22H,5-7,10-15,28H2,1H3,(H,32,37)(H,33,38)(H,34,40)(H,35,39)(H,42,43)(H4,29,30,31)/t17-,18-,19+,22+/m0/s1
InChI Key	BJCKKLXERBMNHP-MOSHPQCFSA-N
Canonical SMILES	CC1=CC=C(C=C1)NC(=O)CN2C(=O)C(=CC3=CC=CN3C4=CC=CC(=C4)C(=O)O)NC2=O
Isomeric SMILES	CC1=CC=C(C=C1)NC(=O)CN2C(=O)/C(=C/C3=CC=CN3C4=CC=CC(=C4)C(=O)O)/NC2=O
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	c(phg-isoDGR-(NMe)k) is a cytoskeletal signaling inhibitor that plays a key role in research to study

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	integrin 伪v尾6-mediated cellular processes, particularly in the context of fibrosis and cancer.
Storage	Store at -20ºC, and keep desiccated.